



Enquiries: Xavier Dubreuil
Direct 07 5433 2739
Our Ref: DA/2023/3497
Your Ref: 22-000082_23
Date: 24 October 2023

Foreverlen Pty Ltd
PO Box 5233
BRISBANE QLD 4001

Dear Applicant,

Re: DEVELOPMENT APPROVAL

Planning Act 2016

Development Application No.: DA/2023/3497

Property Location: 409-423 Caboolture River Road LILYWOOD
403 Caboolture River Road UPPER CABOOLTURE

Property Description: Lot 12 RP 866105
Lot 1000 SP 337426

Development Type: Operational Works - Development Permit for
Roadworks and Stormwater and Earthworks
(Lilywood Landings, Stage 23)

Please be advised that on 24 October 2023 the above development application was approved by Council's Delegate as the Assessment Manager in accordance with section 63 of the *Planning Act 2016* subject to conditions.

The following type of approval has been issued:

- **Development Permit - Operational Works for Roadworks, Stormwater & Earthworks**

The development allowed by this approval must be carried out in accordance with the attached Decision package.

Attached is an extract from the *Planning Act 2016* which details your appeal rights and the appeal rights of any submitters, if applicable, regarding this decision.

Should you require any further information about this matter, please contact Xavier Dubreuil as referenced above.

Yours faithfully

A handwritten signature in black ink, appearing to read "X. Dubreuil", with a horizontal line underneath.

Xavier Dubreuil
Senior Engineer
Development Services

Enclosures: Attachment 1 - Decision Notice
Attachment 2 - Assessment Manager Conditions
Attachment 3 - Approved Plans / Documents
Attachment 4 - Appeal Rights
Attachment 5 - Infrastructure Charges

Cc Unitywater
Development.Services@Unitywater.com

ATTACHMENT 1

Decision Notice

Decision Notice

Planning Act 2016, section 63

APPLICATION DETAILS

Application No: DA/2023/3497
Applicant: Foreverlen Pty Ltd
Street Address: 409-423 Caboolture River Road LILYWOOD
 403 Caboolture River Road UPPER CABOOLTURE
Real Property Description: Lot 12 RP 866105
 Lot 1000 SP 337426
Planning Scheme: Moreton Bay Regional Council Planning Scheme

APPROVAL DETAILS

Date of Decision: 24 October 2023

The development application was approved by Council's Delegate as the Assessment Manager subject to conditions (refer Attachment 2).

| Application Type | Development Permit | Preliminary Approval |
|--|-------------------------------------|--------------------------|
| Operational Works for Roadworks, Stormwater and Earthworks | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

OTHER NECESSARY PERMITS

Not applicable.

In addition to this approval, you may also be required to obtain a water approval from the Northern SEQ Distributor Retailer, trading as Unitywater. To engage a Registered Certifier to lodge your connection application, go to Unitywater's website www.unitywater.com/certifier

CURRENCY PERIOD OF APPROVAL

The currency period stated in section 85 of the *Planning Act 2016* applies to this approval as outlined below:

- Operational Works - 2 years from the date of this approval starts to have effect.

DEEMED APPROVAL

Not applicable.

VARIATION APPROVAL

Not applicable.

INFRASTRUCTURE

Unless otherwise specified, all assessment manager conditions of this development approval relating to the provision of infrastructure are non-trunk infrastructure conditions under Chapter 4, section 145 of the *Planning Act 2016*.

ASSESSMENT MANAGER CONDITIONS

The Conditions relevant to this development approval are listed in Attachment 2 of the Decision package.

APPROVED PLANS / DOCUMENTS

The approved plans and/or documents as listed below for this development approval are included in Attachment 3 of the Decision package.

The approved plans/documents for this development approval are listed below.

| Approved Plans and Documents | | | |
|--|--|-------------------------|------------|
| Plan / Document Name | Reference Number | Prepared By | Dated |
| Title Sheet & Locality Plan | 22-000082_23 Dwg. 1000 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Site Layout Plan | 22-000082_23 Dwg. 1100 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wall Setout Plan Sheet 1 of 3 | 22-000082_23 Dwg. 1200 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wall Setout Plan Sheet 2 of 3 | 22-000082_23 Dwg. 1201 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wall Setout Plan Sheet 3 of 3 | 22-000082_23 Dwg. 1202 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wall Notes & Details | 22-000082_23 Dwg. 1203 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wall Longitudinal Section | 22-000082_23 Dwg. 1204 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Retaining Wal Setout Sections | 22-000082_23 Dwg. 1205 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Control Line Setout Plan Sheet 1 of 2 | 22-000082_23 Dwg. 1300 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Control Line Setout Plan Sheet 2 of 2 | 22-000082_23 Dwg. 1301 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Control Line Setout Tables and Details | 22-000082_23 Dwg. 1302 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Roadworks Layout Plan Sheet 1 of 3 | 22-000082_23 Dwg. 1310 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Roadworks Layout Plan Sheet 2 of 3 | 22-000082_23 Dwg. 1311 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Roadworks Layout Plan Sheet 3 of 3 | 22-000082_23 Dwg. 1312 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Intersection Details | 22-000082_23 Dwg. 1320 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Signs and Linemarking Plan Sheet 1 of 3 | 22-000082_23 Dwg. 1330 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |

| Approved Plans and Documents | | | |
|--|--------------------------------------|-------------------------|------------|
| Plan / Document Name | Reference Number | Prepared By | Dated |
| Signs and Linemarking Plan Sheet 2 of 3 | 22-000082_23 Dwg. 1331 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Signs and Linemarking Plan Sheet 3 of 3 | 22-000082_23 Dwg. 1332 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 3 Longitudinal Section | 22-000082_23 Dwg. 1340 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 3 Cross Sections | 22-000082_23 Dwg. 1341 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 4 Longitudinal and Cross Sections | 22-000082_23 Dwg. 1342 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 16 Longitudinal and Cross Sections | 22-000082_23 Dwg. 1343 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 17 Longitudinal and Cross Sections | 22-000082_23 Dwg. 1344 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Road 18 Longitudinal and Cross Sections | 22-000082_23 Dwg. 1345 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Layout Plan Sheet 1 of 4 | 22-000082_23 Dwg. 1400 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Layout Plan Sheet 2 of 4 | 22-000082_23 Dwg. 1401 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Layout Plan Sheet 3 of 4 | 22-000082_23 Dwg. 1402 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Layout Plan Sheet 4 of 4 | 22-000082_23 Dwg. 1403 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Drainage Notes and Details | 22-000082_23 Dwg. 1404 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Catchment Plan Sheet 1 of 2 | 22-000082_23 Dwg. 1410 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Catchment Plan Sheet 2 of 2 | 22-000082_23 Dwg. 1411 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Longitudinal Sections Sheet 1 of 2 | 22-000082_23 Dwg. 1420 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Longitudinal Sections Sheet 2 of 2 | 22-000082_23 Dwg. 1421 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Calculation Table Sheet 1 of 2 | 22-000082_23 Dwg. 1430 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Calculation Table Sheet 2 of 2 | 22-000082_23 Dwg. 1431 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Stormwater Structures Details | 22-000082_23 Dwg. 1440 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Bio-Basin G3 Layout Plan | 22-000082_23 Dwg. 1700 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Bio-Basin G3 Section Plan | 22-000082_23 Dwg. 1701 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |
| Bio-Basin Notes and Details | 22-000082_23 Dwg. 1702 Rev. B | Egis Consulting Pty Ltd | 12/10/2023 |

Note: Approved plans as indicated in **BOLD** above are annotated in **red** on the stamped plans by Council dated 24/10/2023.

ASSESSMENT BENCHMARKS

The Assessment Benchmarks that applied to the development from the following Categorising Instruments include;

Categorising Instrument (*Planning Regulation 2017*)

State Planning Policy

- *State Planning Policy 2017*, Part E.

Regional Plan

- *South East Queensland Regional Plan 2017 (ShapingSEQ)*.

Local Categorising Instrument (Moreton Bay Regional Planning Scheme)

- MBRC Planning Scheme - Works Code

Local Categorising Instrument (Variation Approval)

Not applicable.

Local Categorising Instrument (Temporary Local Planning Instrument)

Not applicable.

OTHER RELEVANT ASSESSMENT MATTERS

Not applicable.

REASONS FOR THE DECISION

Not Applicable.

REASONS FOR APPROVAL DESPITE NON-COMPLIANCE WITH ASSESSMENT BENCHMARKS

Not applicable.

REFERRAL AGENCY CONDITIONS

There were no Referral Agencies applicable to this development application.

SUBMISSIONS

Not applicable.

APPEAL RIGHTS

Attachment 4 of the Decision package is an extract from the *Planning Act 2016* which details your appeal rights, and the appeal rights of any submitters, if applicable, regarding this decision.

ATTACHMENT 2

Assessment Manager Conditions of Approval

| CONDITION | | TIMING |
|--------------------------------|---|---|
| OPERATIONAL WORKS | | |
| DEVELOPMENT ENGINEERING | | |
| 1 | Road Classifications for Pavement Design | |
| | <p>Design pavement in accordance with the following road classifications:</p> <p>Road 03 - Modified Living Residential (16.5m) - 1.2 x 10⁵ ESA</p> <p>Road 04 - Modified Living Residential (16.5m) - 1.2 x 10⁵ ESA</p> <p>Road 16 - Modified Living Residential (16.5m) - 1.2 x 10⁵ ESA</p> <p>Road 17 - Modified Living Residential (16.5m) - 1.2 x 10⁵ ESA</p> <p>Road 18 - Driveway (3.0m) 2.5 x 10³ ESA</p> | Prior to subgrade inspections. |
| 2 | Non-Conforming Designs | |
| | Only non-conforming designs listed in this approval have been accepted. All other discrepancies with Council standards shall be redesigned and / or reconstructed as necessary to conform with Council standards at no cost to Council. | At all times during construction and prior to works being accepted Off Maintenance. |
| 3 | Errors and Omissions | |
| | <p>Where errors or omissions occur in the design or works do not conform to or meet Council standards then these works shall be rectified to comply with Council standards at no cost to Council.</p> <p>Where drawings contain insufficient detail or do not contain details of works that are either necessary or associated with the development then these works shall be designed and constructed to Council standards.</p> <p>Only the approved plans shall be used for construction.</p> <p>Note: Council reserves the right to amend the approved drawings or request further information should this become necessary.</p> | At all times during construction and prior to works being accepted Off Maintenance. |
| 4 | Works – Applicant's Expense | |
| | <p>All works, services, facilities and/or public utility alterations required by or as a consequence of this approval or stated condition/s, whether carried out by the Council or otherwise, shall be at the developer's expense unless otherwise specified or agreed in writing.</p> <p>Replace existing Council infrastructure (including but not limited to street trees and footpaths) to Council's standards.</p> | At all times during construction and prior to works being accepted Off Maintenance. |

| CONDITION | | TIMING |
|-----------|---|---|
| 5 | Works – Connection to existing works | |
| | <p>Where existing works, including roads and drainage works, will not link up with and join smoothly to proposed works and are not more than twenty (20) metres from the nearest point of the proposed works the developer shall carry out such works as are necessary to ensure that the incomplete works, including roads and drainage, are constructed to link up with and join smoothly to the works proposed in accordance with Council's standards.</p> <p>These works are to be undertaken at the developer's expense unless otherwise specified or agreed in writing.</p> | Prior to works being accepted On Maintenance. |
| 6 | Notification of Finalisation of Works | |
| | Notify Council in writing that the development works on site have been finalised. | At the time of completion of construction. |
| 7 | As Constructed Drawings | |
| A | <p>Provide, for review and approval, Council with a preliminary set of the surveyor and engineering As Constructed drawings for the approved works and a digital ADAC file.</p> <p>Note: The current design standard and relevant planning scheme policy is MBRC Planning Scheme Policy Operational Works inspection, maintenance and bonding procedures.</p> | Prior to requesting an On Maintenance inspection. |
| B | Submit 'As Constructed' drawings and digital ADAC file in accordance with Council's Planning Scheme, relevant Planning Scheme Policies and design standards current at the time of development. | Prior to works being accepted On Maintenance. |
| 8 | Works Through Land not owned by the Developer | |
| | Where any works are proposed to be undertaken on or extend into any property not owned by the developer then the other property owner's written consent must be lodged with Council. The written consent from the land owner must identify the correct drawing title and number (including revision number) for the works within or through their land. | Prior to any works commencing within those properties. |
| 9 | Works in Existing Roads | |
| A | Works carried out in or affecting existing Roads must be undertaken so that these roads are maintained in a safe and useable condition. | At all times. |
| B | Provide to Council's delegated officer and receive acknowledgement of a Traffic Management Plan, with site specific Guidance Scheme, prepared and signed by an appropriately qualified person and in accordance with the Manual of Uniform Traffic Control Devices (MUTCD) for any works that will affect traffic movements or traffic safety in existing roads. | At least five (5) days prior to undertaking the works in or affecting existing roads. |

| CONDITION | | TIMING |
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| | <p>Note:</p> <ul style="list-style-type: none"> A 'Part Road Closure Application' for Development Works form is to accompany the Traffic Management Plan submission. This submission is required to be made in addition to any Traffic Management Plan which has been submitted and/or approved as part of a Construction Management Plan for the site during the development application process for Material Change of Use or Reconfiguring a Lot or subsequent non-IDAS applications. | |
| 10 | Information Sign – Works in Existing Roads | |
| | A construction advisory road sign must be erected and regularly updated and maintained displaying the developer and contractors details and the expected completion date for works on existing roads. The sign shall be located so as be clearly legible to the public from of minimum 15m distance from the existing road on which the works are to be carried out on. | For the duration of the works from commencement to acceptance of On Maintenance. |
| 11 | Notification to Affected Premises | |
| A | <p>Provide Council with a copy of an information kit for 'Notification to Affected Premises' which includes the following:</p> <ul style="list-style-type: none"> A layout plan of the proposed development showing adjoining lot boundaries, new and existing roads, park and open space, drainage reserves and community purposes lots as applicable; Details of any external works with any changes to existing works highlighted for easy identification; Scheduled start and completion dates; Contact names and phone numbers for the Developer, Supervising Engineer, Consulting Engineer, the Contractor, Wildlife Spotter and who to contact in an emergency; and The site working hours authorised for the site works. | Prior to distribution of information kit to residents. |
| B | <p>Provide all occupiers of premises adjoining the site, directly opposite the frontage of the site, adjacent to and directly opposite external works and residents/occupiers likely to be directly affected by the works with a copy of the 'Notification to Affected Premises' information kit.</p> <p>Provide Council's delegated officer with a list of premises which the information kit has been delivered to.</p> | Not less than 14 days prior to commencing any construction works. |
| 12 | Information Sign – Development Works | |
| | <p>An information sign containing the following details and after hours contact details must be provided at each entrance to the development site:</p> <ul style="list-style-type: none"> Developer | For the duration of the development works from commencement to acceptance On |

| CONDITION | | TIMING |
|-----------|--|--|
| | <ul style="list-style-type: none"> Supervising Consultant/ Engineers / Project Manager Principal Contractor <p>The sign must be at least 0.9m (W) by 0.6m (H). The sign must be erected and maintained for the duration of the development works.</p> | Maintenance by Council. |
| 13 | Prestart Meeting | |
| | <p>Arrange a prestart meeting with Council officers from Development Services section on 3205 0555 or (Email - council@moretonbay.qld.gov.au - Attention - Development Services - Engineering Waraba Construction Team - Referencing DA/2023/3497.</p> <p>The following people will be required to attend the prestart meeting:</p> <ul style="list-style-type: none"> Developer's Supervising Engineer Contractor's Engineer / Project Manager Contractor's Site Supervisor Fauna Manager (where required). | Not less than 7 days prior to commencing any construction works. |
| 14 | Mandatory Inspections with Council Officers | |
| | Submit required documentation for each mandatory inspection in accordance with MBRC Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures. | Prior to requesting inspection. |
| | Undertake the following inspections with Council's delegated officer (where applicable to approved works) in accordance with MBRC Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures: | As prescribed below. |
| A | Stormwater drainage. | Prior to backfilling stormwater trenches. |
| B | Subgrade / box inspection. | Prior to placement of structural pavements. |
| C | Preseal inspection. | Prior to priming and sealing of structural pavements. |
| D | For concrete slabs and concrete pavements - foundations / subgrade and pre-pour inspections. | Prior to concrete pouring. |
| E | On maintenance inspection for Council's acceptance of all works. | Prior to works being accepted On Maintenance. |
| F | <p>Off maintenance inspection of all works.</p> <p>Note: Reinspections attract a fee in accordance with Council's Fee Schedule. The fee must be paid prior to the reinspection.</p> | After maintenance period has elapsed. |

| CONDITION | | TIMING |
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| G | Provide Council's delegated officer with a copy of an Engineers' Certificate Soil tester's reports demonstrating that required compaction standards, finished levels and textures of finish have been obtained in accordance with Council's Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures. | Prior to proceeding to construction of next layer or surfacing. |
| 15 | Testing Frequency – General | |
| A | <p>All testing of the works shall be carried to comply with the minimum testing frequencies given in MBRC Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures.</p> <p>Note: Council's delegated officer may vary the frequency of testing to suit site conditions but must provide written advice to the supervising engineer prior to commencement of the relevant works.</p> | At all times during construction. |
| B | Provide a plan identifying locations where testing has occurred. | Prior to works being accepted On Maintenance. |
| 16 | Construction Hours Restrictions | |
| | <p>Ensure hours of construction are limited to 0630 to 1830 Monday to Saturday and not at all on Sundays and public holidays.</p> <p>Note: Council's engineer may approve (in writing) work outside the above hours where it can be demonstrated to the satisfaction of Council that the work will not cause unreasonable interference with the amenity of adjoining premise and any person.</p> | At all times. |
| 17 | Construction Nuisance and Annoyance | |
| | Ensure construction works do not cause unreasonable interference with the amenity of adjoining premise and any person by reason of noise, vibration, electrical interference, smell, fumes, vapour, steam, soot, ash, dust, silt, wastewater, waste products, grit, oil or otherwise. | At all times. |
| 18 | Construction Site Management | |
| | Ensure the construction site is kept in a clean and tidy state. | At all times. |
| 19 | Temporary Sedimentation, Erosion and Runoff Control | |
| A | Implement an Erosion and Sediment Control Plan which is prepared by an experienced Certified Professional in Erosion and Sediment Control (CPESC) in accordance with International Erosion Control Association Australasia (IECA) Best Practice and Sediment Control document and MBRC Planning Scheme current at the time of development. | Prior to commencement of works and to be maintained current at all times during construction and until the development is accepted off-maintenance. |

| CONDITION | | TIMING |
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| B | <p>The temporary erosion and sediment control measures shall be maintained and be functional until the end of the Maintenance Period for the works or earlier if Council's delegated officer considers they are no longer required.</p> <p>Note: Council's delegated officer may order additional measures to control silt on site at no cost to Council.</p> | At all times during construction. |
| 20 | Haul Routes | |
| | <p>Submit and have approved by Council's delegated officer all haul routes for the transport of imported or spoil material and gravel pavement material along Council roads below sub-arterial standard.</p> <p>Note: Refer to MBRC Planning Scheme Values and Constraints Mapping - Road Hierarchy for details on sub-arterial and arterial roads.</p> | Prior to a prestart meeting being held. |
| 21 | Spillage onto Existing Roads | |
| | <p>Clean those parts of the access route to the site that are affected by any material dropped, deposited or spilled on the roads as a result of construction processes associated with the site.</p> <p>Note:</p> <ul style="list-style-type: none"> • All materials must be swept up and removed from the roads and not directed into Council's stormwater drainage system. • All care must be taken to prevent sediments being deposited on roads. | At all times during construction. |
| 22 | Dust Control – Nuisance and Annoyance | |
| | <p>Implement suitable dust control measures. If airborne particles are observed leaving the site, any work is to cease immediately and satisfactory dust suppression is to be implemented.</p> <p>Note: Dust suppression measures must be in place at all times including weekends and public holidays.</p> | At all times prior to works being accepted Off Maintenance. |
| 23 | Earthworks Batters | |
| | <p>Where approved drawings do not include specifications for scour and erosion protection apply the following treatments to batter slopes:</p> <ul style="list-style-type: none"> • Slopes of 1:6 or flatter – topsoil and seed • Slopes between 1:6 and 1:4 – topsoil and turf • Slopes of 1:4 or greater – provide treatment recommendation from a qualified geotechnical engineer (R.P.E.Q.) for Council approval prior to undertaking batter works • Or as directed by Council. <p>Note: Batters within Open and Civic Spaces are to be treated</p> | At all times during construction. |

| CONDITION | | TIMING |
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| | in accordance with MBRC Planning Scheme Policy Integrated Design - Open and Civil Space Design. | |
| 24 | Road Crossings in Existing Roads | |
| | <p>All services crossings under Existing Council Roads are to be tunnel bored unless approved otherwise by Council's delegated officer.</p> <p>Where approval is given for open trenching, the following is to apply:</p> <ul style="list-style-type: none"> • Minor Roads - backfill shall be compacted in layers to 95% standard maximum dry density and topped with 300mm of pavement material and a 50mm AC wearing course. • Sub-arterial or Arterial roads - refer to I.P.W.E.A. Standard Drawing RS-170. • Verge - Backfill shall be compacted to 90% standard maximum dry density and topped with 75mm of sandy loam. Restoration of any vegetation shall be undertaken to a standard as near as practicable to the pre-construction standard. | At all times during construction. |
| 25 | Site works – Stormwater Runoff Quality | |
| | <p>Carry out earthworks in accordance with the State Planning Policy - Water Quality and IECA Best Practice Erosion and Sediment Control document.</p> <p>Note:</p> <ul style="list-style-type: none"> • Soil disturbances of greater than 1.0 hectares will require a site specific Erosion & Sediment Control Plan. • Earthworks are to be undertaken to ensure that soil disturbances are staged into manageable areas of not greater than 3.5 hectares. | At all time during construction and until the site is suitably stabilised. |
| 26 | Earth Retaining Structures | |
| A | <p>Earth retaining structures within the subject land around areas of cut that are on or near the boundaries of the site must be designed to allow for the existing live and dead loads associated with the adjoining land/premises current occupancy and use of the adjoining land including allowance for a 2m high boundary fence.</p> <p>The minimum design life (the period assumed in design for which a structure or structural element is required to perform its intended purpose without replacement or major structural repairs) for the earth retaining structure that is specified in Table 2.1 of Australian Standard AS4678.</p> | At all times. |
| B | Submit for Council records copies of Forms 15 & 16 as detailed under section 254 of the Building Act 2006. The forms are to be signed by an RPEQ for all structural retaining walls. | Prior to works being accepted On Maintenance. |

| CONDITION | | TIMING |
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| | Additionally, submit certification from an R.P.E.Q. that the design and construction of retaining walls comply with the requirements of this condition. | |
| 27 | Unsuitable Fill Materials | |
| | <p>Ensure that all fill material used on the development site is free of unsuitable materials, identified in AS3798 and the following:</p> <ul style="list-style-type: none"> • actual acid sulfate soils and potential acid sulfate soils; • organic or putrescible matter; • material imported from land which is, or has been, listed on the “Environmental Management Register” under the <i>Environmental Protection Act 1994</i>; and • building demolition material. | At all times. |
| 28 | Compaction Requirements | |
| | All fill material which is intended to be load bearing, or the finished surface level of which is required to remain approximately constant, is selected, placed and compacted to the standard prescribed in Australian Standard AS3798 Guidelines on Earthworks for Commercial and Residential developments. | At all times during construction. |
| 29 | Pavement Design | |
| A | <p>All road pavements must be designed, constructed and tested in accordance with MBRC Planning Scheme Policy - Integrated Design - Street, Roads and Utilities and standard drawings current at the time of construction.</p> <p>Note:</p> <ul style="list-style-type: none"> • Council requires a primer seal placed under all asphalt surfaces. • Increased asphalt surface thicknesses for road thresholds are to be identified in the pavement design. | At all times during construction. |
| B | Submit, for review and approval by Council’s delegated officer, a pavement design for all roads. Pavement designs are to include Soil tester’s reports. | Prior to subgrade inspection. |
| 30 | Pavement Jointing Detail | |
| | Undertake pavement jointing in accordance with I.P.W.E.A.Q. Standard Drawings RS-170. | Prior to works being accepted On Maintenance. |
| 31 | Concrete Footpaths | |
| | Construct concrete footpaths and kerb ramps in accordance with I.P.W.E.A. Standard Drawings RS-065 and RS-090. | Prior to works being accepted On Maintenance. |
| 32 | Street Signs | |
| | Street signs must be provided in accordance with Council’s Standard Drawings and I.P.W.E.A. Standard Drawings. | Prior to works being accepted On Maintenance. |

| CONDITION | | TIMING |
|-----------|---|---|
| | <p>Note:</p> <ul style="list-style-type: none"> House numbers required for these signs shall be obtained from Council's house numbering officer by contacting Council's Customer Service. The MBRC Logo is not to be put on the sign. | |
| 33 | Hazard Management | |
| A | <p>Undertake the hazard identification and treatment process for any additional, existing or introduced hazards identified onsite by the Consultant or by Council's delegated officer during the construction process.</p> <p>Undertake a review of the identified hazards and provide a copy of the completed Hazard Mitigation Worksheet found in AUSTROADS Guide to Road Design Part 6: Roadside Design, Safety and Barriers Appendix B along with any supporting information.</p> | Prior to works being accepted On Maintenance. |
| B | Provide, for review and approval by Council's delegated officer, adequate design documentation for the recommended hazard management treatment in accordance with AS3845:1999 and AUSTROADS Guide to Road Design Part 6: Roadside Design, Safety and Barriers. | Prior to construction of any hazard management treatment. |
| C | Construct approved hazard management treatments in accordance with Council's Planning Scheme, Planning Scheme Policies, standard drawings and any other relevant standards current at the time of development. | Prior to works being accepted On Maintenance. |
| 34 | Stormwater Runoff Control – Batters and Retaining Walls | |
| | <p>Provide cut-off drains at the top of the batter with turf or rock lined batter drains for all batters and/or retaining walls generally higher than 600mm in height and with a catchment greater than 1000m².</p> <p>Note: Where these are not detailed on the approved drawings then these works shall be in accordance with Council's current standards.</p> | Prior to works being accepted On Maintenance. |
| 35 | Stormwater Runoff Control – Open Drains | |
| | <p>Provide lining with appropriate scour protection to all open drains and bunds in accordance with Council's Planning Scheme, Planning Scheme Policies and standard drawings current at the time of development.</p> <p>Note: Dumped rock is generally not considered as an appropriate solution.</p> | Prior to works being accepted On Maintenance. |
| 36 | Stormwater Pipe Outlets and Culvert Inlets and Outlets | |
| | <p>Stabilise all culvert inlets and outlets or stormwater drainage outlets in accordance with industry best practice and the following requirements:</p> <ul style="list-style-type: none"> Rock gabion baskets/rock mattresses | At all times. |

| CONDITION | TIMING |
|--|---|
| <ul style="list-style-type: none"> Grouted rock/stone pitching with a properly designed and prepared base and constructed to the following requirements: <ul style="list-style-type: none"> Mortar to be 1 part cement to 3 parts sand (by volume). Open face stone pitching is to be used where the concrete is recessed 50mm behind the stone facing. Select spalls to avoid sharp edges. Other solutions as approved by Council's delegated officer. <p>Note: Dumped rock is generally not considered as an appropriate solution.</p> | |
| 37 | Stormwater Overland Flow – Site Earthworks |
| <p>Earthworks must be undertaken on the site so as not to cause nuisance and annoyance to any person or premises. The development must:</p> <ul style="list-style-type: none"> Allow stormwater overland flow which entered the land prior to the commencement of the earthworks to continue to enter the land; and Ensure stormwater overland flow from the development site is not discharged or diverted onto land (other than a road) adjacent to the site in a manner which: <ul style="list-style-type: none"> concentrates the rate of flow at any point along the property boundary; or increases the peak flow rates of stormwater discharged at any point along the property boundary; beyond that which existed prior to commencement of these earthworks. | At all times during construction. |
| 38 | CCTV – Stormwater Pipes |
| <p>A Undertake and provide, to the satisfaction of the Council, a high definition Closed Circuit Television (CCTV) recording of all stormwater pipes, including inter allotment roof water drainage. Recording to be undertaken within one month immediately preceding making a request for On Maintenance inspection and post road pavement construction works. CCTV to clearly display all joints (full surrounds) and any form of damage or defects, including date and time of the recording.</p> <p>The recording is to include a report signed by a suitably qualified Registered Professional Engineer Queensland (RPEQ) stating that the recording has been reviewed and all works are satisfactory.</p> <p>Where defects have been identified, consultant is to provide method of rectification to Council for approval, prior to carrying out any rectification works.</p> | Prior to a request for On Maintenance Inspection |

| CONDITION | TIMING |
|---|--|
| <p>B Undertake and provide, to the satisfaction of the Council, a high definition Closed Circuit Television (CCTV) recording of all stormwater pipes, including inter allotment roof water drainage. Recording to be undertaken within one month immediately preceding making a request for Off Maintenance inspection. CCTV to clearly display all joints (full surrounds) and any form of damage or defects, including date and time of the recording.</p> <p>The recording is to include a report signed by a suitably qualified Registered Professional Engineer Queensland (RPEQ) stating that the recording has been reviewed and all works are satisfactory.</p> <p>Where defects have been identified, consultant is to provide method of rectification to Council for approval, prior to carrying out any rectification works.</p> | Prior to a request for Off Maintenance inspection. |
| 39 | |
| <p>Drainage Behind Retaining Walls</p> <p>Design and install agricultural pipes or strip drains behind retaining walls in accordance with Q.U.D.M. to connect to:</p> <ul style="list-style-type: none"> • The proposed inter-allotment drainage systems; or • To drainage inlet structures via a stub connection in roadways; or • Directly to kerb and channel if there are no drainage structures within 10m of the frontage of the land; or • As approved in writing by Council's delegated officer. <p>Notes:</p> <ul style="list-style-type: none"> • Corrugated pipes are not to be used to connect the stormwater drainage to Council's infrastructure. • The drainage system behind retaining walls must not connect to Council's subsurface drainage system in the Council road. | Prior to works being accepted On Maintenance. |
| 40 | |
| <p>Provision of Kerb Adapters</p> <p>Provide a minimum of two (2) metal kerb adaptors per lot for lots that drain to the road. Where a lot has side crossfall of up to 1.5%, one (1) kerb adaptor shall be located at each side of the lot. Where a lot has side crossfall of greater than 1.5%, both kerb adaptors shall be located at the low side of the lot.</p> <p>For lots with a concrete footpath at the frontage, the kerb adaptors shall be connected to the front boundary of the lot with Class SN8 uPVC stormwater pipe.</p> | Prior to works being accepted On Maintenance. |
| 41 | |
| <p>Certification – Public Stormwater Management Infrastructure</p> <p>Provide documentation to Council from a Registered Professional Engineer (RPEQ) specialising in stormwater design certifying that the stormwater management treatment train as approved in the stormwater management plan and design drawings has been constructed in accordance with engineering best practise and is functioning as designed.</p> | Prior to works being accepted On Maintenance. |

| CONDITION | | TIMING |
|-----------|---|--|
| | The certification shall include the completed sign-off forms for bioretention systems prepared by Water by Design in Partnership with Healthy Waterways shall be completed. The sign-off forms are accessible from www.waterbydesign.com.au . | |
| 42 | Public Bioretention Inspections | |
| | Provide Council with notice of the subsoil drains being laid and the filter media being installed. Note: Council's delegated officer may attend the inspection. | Not less than 48 hours prior to subsoil drains being laid and the filter media being installed. |
| 43 | Maintenance Process for Public Bioretention Basin | |
| A | The entire bioretention basin shall act as a sediment basin. Note: Council will consider alternative solutions to achieve the desired outcome. | During the build-out phase (80%) or up to a maximum of two (2) years. |
| B | Submit, for review and approval by Council's delegated officer, a deferred works schedule to cover the cost of basin conversion plus twenty-five percent (25%) and in accordance with the requirements of Council's Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures. The following works are to be included as a minimum in the deferred works bond schedule: <ul style="list-style-type: none"> • removal of sacrificial turf and geofabric; and • In-situ hydraulic conductivity testing of filter material in accordance with the "Guidelines for Soil Filter Media in Bioretention Systems: (produced by the Faculty for Advanced Water Biofiltration) requirements. • Planting out of the basin in accordance with the approved landscaping drawings. | Prior to the bioretention basin area being accepted On Maintenance as a sediment basin. |
| C | Construct deferred works and any other works necessary to convert to the basin from sediment basin to a functioning bioretention basin in accordance with Council's Planning Scheme Policy - Operational Works inspection, maintenance and bonding procedures. In-situ hydraulic conductivity testing of filter material is to be provided to Council's delegated officer to demonstrate that area can be planted out. Where in-situ hydraulic conductivity testing shows that the filter material is not acceptable then replacement of the filter material is required in addition to planting out of basin area. Note: Deferred Works for bioretention basin conversion are subject to a separate on maintenance process to the other civil works for the development. The On Maintenance process is to be in accordance with Council's Planning Scheme Policy - Operational Works inspection, maintenance | Once the contributing catchment achieves eighty percent (80%) build-out or a maximum of 2 years. |

| CONDITION | | TIMING |
|-----------|---|---|
| | and bonding procedures including on and off maintenance inspections and maintenance period. | |
| 44 | Fertilisers for Grassing and Landscape Works | |
| | <p>Odorous chemicals, fertilisers, soil conditioners or mulches shall not be used on land development projects. Only a non-odorous, commercially bagged and labelled fertiliser shall be used when seeding grass areas or laying turf.</p> <p>Without limiting the above, Council's delegated officer may approve the use of suitably composed and aged organic material, such as soil conditioners, at the following locations:</p> <ul style="list-style-type: none"> • in isolated locations where existing and proposed houses are considerable distances from the work site; and • where, in the officer's opinion, their use would not adversely affect the occupiers of any nearby properties with strong odours or loose material blown from the work site. <p>Council's delegated officer will provide the approval in writing with conditions where odorous fertilisers are approved.</p> | At all times during construction. |
| 45 | Stabilisation of Disturbed Areas | |
| | <p>Ensure that a grass strike rate of at least 80% cover has been attained on all disturbed areas or other approved means of stabilisation of grassed areas have been provided.</p> <p>Note: For residential and rural residential subdivisions, the road reserve between kerb and property line shall be turfed as a condition of completion.</p> | Prior to works being accepted On Maintenance. |

| ADVICES | |
|----------------|---|
| 1 | Development Permit |
| | <p>This approval shall comply with all the conditions of related approval as stipulated in Council's Decision Notice – Development Permit dated 24 August 2023 referenced as DA/2023/4535.</p> <p>The Applicant needs to be aware that the Currency Period of that Decision Notice may determine the validity period of this Decision Notice.</p> |
| 2 | Extent of Checking by Council |
| | <p>This approval shall not be taken to mean that the drawings have been checked in detail and Council accepts no responsibility whatsoever for the survey information, the design, or for the accuracy of any information or detail contained in the approved drawings and specifications.</p> |
| 3 | Aboriginal Cultural Heritage Act |
| | <p>The <i>Aboriginal Cultural Heritage Act 2003</i> commenced in Queensland on April 16, 2004. Under the Act, indigenous parties are key in assessing cultural heritage significance.</p> <p>The <i>Aboriginal Cultural Heritage Act 2003</i> establishes a Duty of Care for indigenous cultural heritage. This applies on all land and water, including freehold land. The Cultural Heritage Duty of Care lies with the person or entity conducting the activity.</p> <p>Penalty provisions apply for failing to fulfil the Cultural Heritage Duty of Care.</p> <p>Those proposing an activity that involves additional surface disturbance beyond that which has already occurred on the proposed site need to be mindful of the Duty of Care requirement.</p> <p>Details of how to fulfil the Duty of Care are outlined in the Duty of Care Guidelines gazetted with the Act.</p> <p>Council strongly advises that you contact the relevant state agency to obtain a copy of the Duty of Care Guidelines and further information on the responsibilities of developer under the terms of the <i>Aboriginal Cultural Heritage Act 2003</i>.</p> |
| 4 | Environmental Protection Act |
| | <p>It remains the duty of care of the site owner not to cause Environmental Harm as defined under the <i>Environmental Protection Act 1994</i>.</p> |
| 5 | Road and Stormwater infrastructure |
| | <p>In respect to Road and Stormwater infrastructure, the works shall be designed and constructed in accordance with the relevant Planning scheme codes and policies;</p> <p>The current relevant planning scheme codes and policies are:</p> <ul style="list-style-type: none"> • Works code; • Reconfiguring a lot codes; • PSP- Integrated Design • PSP- Operational Works Inspection, Maintenance and Bonding Procedures. <p>All of which may be downloaded free of charge from Council's website at www.moretonbay.qld.gov.au.</p> |

| ADVICES | |
|----------------|---|
| | <p>The PSP- Operational Works Inspection, Maintenance and Bonding Procedures also contains details of other requirements such as:</p> <ol style="list-style-type: none"> 1. arrangements for works going On or Off Maintenance; 2. inspection and testing; 3. checklists and certification proforma; 4. bonding procedures. <p>Should further information be required regarding the road and stormwater component of the Operational Works Application, please contact Council's Officer, Xavier Dubreuil on phone (07) 5433 2739.</p> |
| 6 | Acceptance Based on Applicant's Certification |
| | Council's acceptance of the above submission is based solely on the applicant's certification that the proposal conforms totally to Council's Planning Scheme, Planning Scheme Policies and standard drawings. |
| 7 | Biosecurity Act 2014 - Fire Ant Control |
| | <p>Significant portions of the Moreton Bay are within Fire Ant Biosecurity Zone 2 and must remain vigilant for the presence of fire ants. Under the Biosecurity Act 2014, individuals and businesses are responsible for ensuring that they follow the movement controls for specific organic materials to help prevent the spread of fire ants within South East Queensland's fire ant biosecurity zones. Movement of a fire ant carrier from within the fire ant biosecurity zone may need a biosecurity instrument permit.</p> <p>More information is available on https://www.fireants.org.au/treat/business-and-industry/movement-controls</p> |

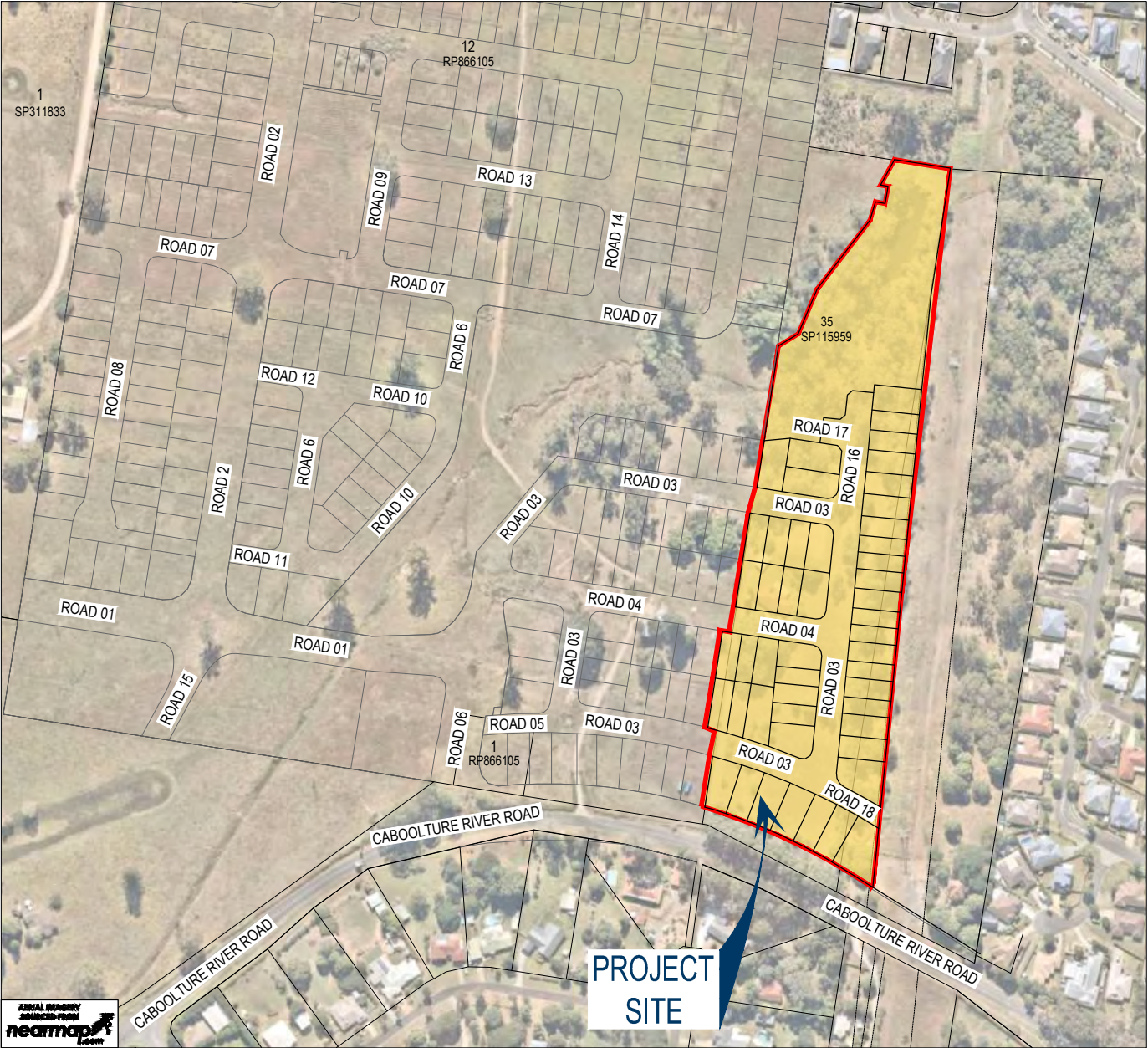
ATTACHMENT 3

Approved Plans / Documents

LILYWOOD LANDINGS



STAGE 23 - OPERATIONAL WORKS FOR FOREVERLEN PTY LTD



LOCALITY PLAN
N.T.S

MORETON BAY REGIONAL COUNCIL

AREA OF SITE: 4.454 ha

LOT INFORMATION

LOT 35 ON SP 115959



DRAWINGS INDEX

| | | |
|----------------------------------|--|--|
| GENERAL | | |
| 1000 | TITLE SHEET & LOCALITY PLAN | |
| KEY PLAN | | |
| 1100 | SITE LAYOUT PLAN | |
| RETAINING WALL SETOUT PLAN | | |
| 1200 | RETAINING WALL SETOUT PLAN SHEET 1 OF 3 | |
| 1201 | RETAINING WALL SETOUT PLAN SHEET 2 OF 3 | |
| 1202 | RETAINING WALL SETOUT PLAN SHEET 3 OF 3 | |
| 1203 | RETAINING WALL NOTES & DETAILS | |
| 1204 | RETAINING WALL LONGITUDINAL SECTION | |
| 1205 | RETAINING WALL SETOUT SECTIONS | |
| CONTROL LINE SETOUT | | |
| 1300 | CONTROL LINE SETOUT PLAN SHEET 1 OF 2 | |
| 1301 | CONTROL LINE SETOUT PLAN SHEET 2 OF 2 | |
| 1302 | CONTROL LINE SETOUT TABLES AND DETAILS | |
| ROADWORKS LAYOUT PLAN | | |
| 1310 | ROADWORKS LAYOUT PLAN SHEET 1 OF 3 | |
| 1311 | ROADWORKS LAYOUT PLAN SHEET 2 OF 3 | |
| 1312 | ROADWORKS LAYOUT PLAN SHEET 3 OF 3 | |
| INTERSECTION DETAILS | | |
| 1320 | INTERSECTION DETAILS | |
| SIGNS AND LINEMARKING PLAN | | |
| 1330 | SIGNS AND LINEMARKING PLAN SHEET 1 OF 3 | |
| 1331 | SIGNS AND LINEMARKING PLAN SHEET 2 OF 3 | |
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| SECTIONS | | |
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| 1341 | ROAD 3 CROSS SECTIONS | |
| 1342 | ROAD 4 LONGITUDINAL AND CROSS SECTIONS | |
| 1343 | ROAD 16 LONGITUDINAL AND CROSS SECTIONS | |
| 1344 | ROAD 17 LONGITUDINAL AND CROSS SECTIONS | |
| 1345 | ROAD 18 LONGITUDINAL AND CROSS SECTIONS | |
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| 1401 | STORMWATER LAYOUT PLAN SHEET 2 OF 4 | |
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| 1403 | STORMWATER LAYOUT PLAN SHEET 4 OF 4 | |
| 1404 | STORMWATER DRAINAGE NOTES AND DETAILS | |
| STORMWATER CATCHMENT PLAN | | |
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| STORMWATER CALCULATION TABLES | | |
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| STORMWATER STRUCTURES | | |
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| 1504 | SEWER RETICULATION LAYOUT PLAN SHEET 4 OF 4 | |
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| 1511 | SEWER LONGITUDINAL SECTIONS SHEET 2 OF 3 | |
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| BIO-BASIN PLANS | | |
| 1700 | BIO-BASIN G3 LAYOUT PLAN | |
| 1701 | BIO-BASIN G3 SECTION PLAN | |
| 1702 | BIO-BASIN NOTES AND DETAILS | |

CONSTRUCTION NOTE

THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH:

- CRR INTERSECTION & IDC SET - 22-000082_CRR
- BULK EARTHWORKS SET - 22-000082_EWKS
- STAGE 1A & 1B SET - 22-000082_1A-1B
- STAGE 2 SET - 22-00082_2
- STAGE 3 SET - 22-00082_3
- STAGE 4 SET - 22-00082_4
- GEOTECHNICAL REPORT
- BAF TRUNK WATER INFRASTRUCTURE SET - 22-000082_TWI
- DOBSON LANE TRUNK GRAVITY SEWER SET - 20-000027
- SIGNALS PLANS (BY CV SERVICES)
- LANDSCAPE PLANS (BY AECOM)
- ELECTRICAL/ COMMS PLAN (BY CV SERVICES)

CONSTRUCTION HOLD POINT

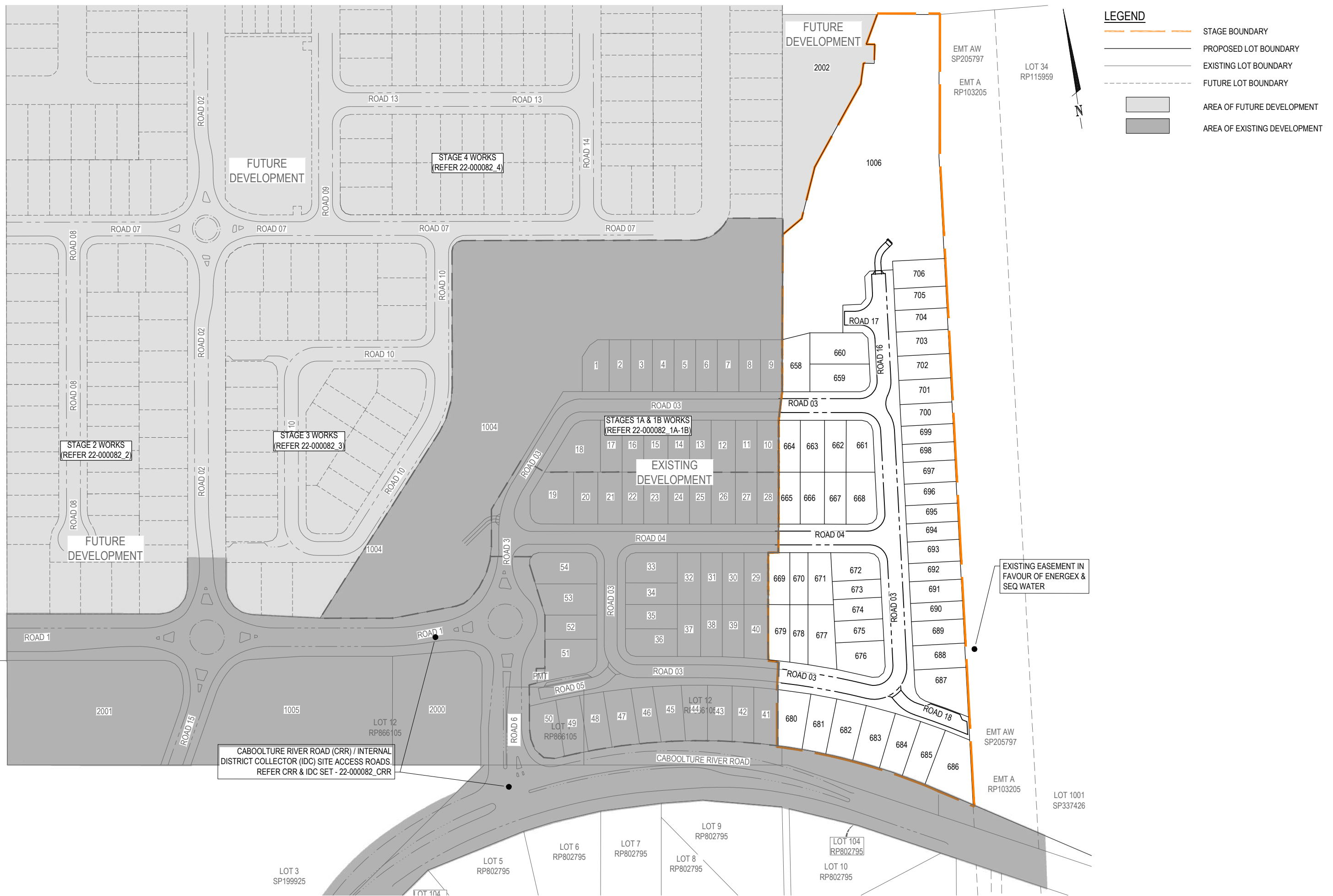
PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY LEVELS OF ALL EXISTING CROSSINGS AND CONNECTION POINTS.

LILYWOOD LANDINGS

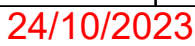
STAGE 23

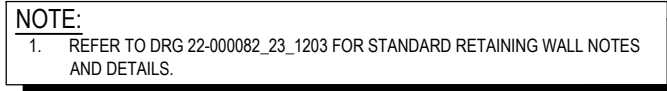
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|--------------|--------|-------------|----------------|--------------|-----------|
| Project No.: | Stage: | Milestone: | Revision Date: | Drawing No.: | Revision: |
| 22-000082_23 | 23 | OPERATIONAL | 13/10/23 | 1000 | B |
| WORKS | | | | | |



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|----------|----------|---------------------|---------------|-------|--------|--------------|--|-------|--|-------------------------------|--|---------------------|------------------|--|--|
| REVISION | | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | | CIENT | PROJECT | | DRAWING TITLE | | |
| A | 07.06.23 | ISSUED FOR APPROVAL | | IB | AA | aa | FOR APPROVAL | | | FOREVERLEN PTY LTD | © 2023 Egis Consulting Pty Ltd www.egis-group.com | STAGE 23 | SITE LAYOUT PLAN | | |
| B | 12.10.23 | UPDATED TO EGIS | | AA | AA | | | | | | | | | | |
| | | | | | | DESIGN CHECK | APPROVED | | | | | | | | |
| | | | | | | | RYAN ASHWORTH | | | | | | | | |
| | | | | | | | RPEQ 19674 | | | | | | | | |
| | | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | | | | | |





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|---|--|
| <p><u>CAUTION !!</u> <u>UNDERGROUND</u> TELECOMMS CABLES UNDERGROUND TELECOMMUNICATION CABLES EXIST IN THIS VICINITY. CONTACT SUPPLIER FOR CABLE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING.</p> | <p><u>CAUTION !!</u> <u>UNDERGROUND</u> GAS MAIN UNDERGROUND GAS MAIN EXIST IN THIS VICINITY. CONTACT SUPPLIER FOR MAIN LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING</p> |
| <p><u>CAUTION !!</u> <u>OVERHEAD</u> ELECTRICAL CABLES OVERHEAD ELECTRICITY CABLES EXIST IN THIS VICINITY. CONTACT ENERGEX WHERE CABLE CLEARANCE IS COMPROMISED BY MACHINERY.</p> | <p><u>CAUTION !!</u> <u>UNDERGROUND</u> ELECTRICAL CABLES UNDERGROUND ELECTRICITY CABLES EXIST IN THIS VICINITY. CONTACT ENERGEX FOR CABLE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING</p> |

[illegible]



LEGEND

- STAGE BOUNDARY
- STORMWATER STRUCTURE
- PROPOSED FOOTPATH
- EXISTING SURFACE CONTOUR (0.5m INTERVALS)
- DESIGN SURFACE CONTOUR (0.2m INTERVALS)
- PROPOSED WATER MAIN
- EXISTING WATER MAIN
- EXISTING TRUNK SEWER
- PROPOSED SEWER MAIN
- PROPOSED STORMWATER
- PROPOSED SLEEPER RETAINING WALL TYPE 1
- PROPOSED SLEEPER RETAINING WALL TYPE 2
- PROPOSED SLEEPER RETAINING WALL TYPE 3
- PROPOSED BOULDER RETAINING WALL
- PROPOSED SLEEPER RETAINING WALL + ACOUSTIC FENCE
- EXISTING SLEEPER RETAINING WALL + ACOUSTIC FENCE
- FINISHED SURFACE LEVEL
- PROPOSED LOT BOUNDARY
- BUILD TO BOUNDARY
- INDICATIVE DRIVEWAY LOCATION
- PROPOSED CUT BATTER
- PROPOSED FILL BATTER

NOTE:
1. REFER TO DRG 22-000082_23_1203 FOR STANDARD RETAINING WALL NOTES AND DETAILS.

CAUTION !!
UNDERGROUND TELECOMMS CABLES
UNDERGROUND TELECOMMUNICATION CABLES EXIST IN THIS VICINITY. CONTACT SUPPLIER FOR CABLE LOCATIONS. EXTREME CARE MUST BE TAKEN WHILST EXCAVATING.

CAUTION !!
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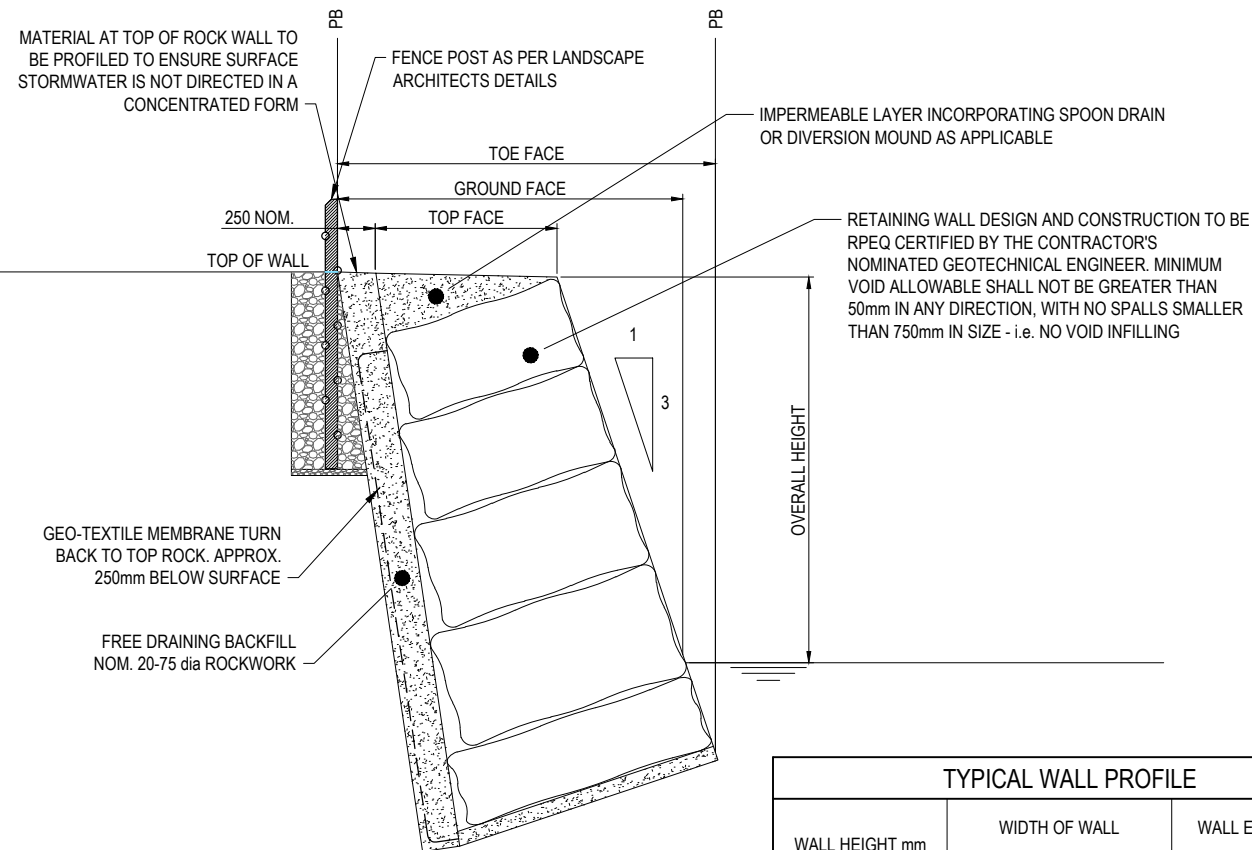
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1. CONCRETE SLEEPER RETAINING WALL IS A DESIGN AND CONSTRUCT ITEM.
2. CONTRACTOR SHALL ENGAGE A RPEQ STRUCTURAL ENGINEER WITH SUITABLE RETAINING WALL EXPERIENCE.
3. FOLLOWING DESIGN PARAMETERS SHALL BE ADOPTED.
 - a) SURCHARGE LOAD 5kPa FOR INTERALLOTMENT WALLS.
 - b) SURCHARGE LOAD 20kPa WHERE WALLS ARE SUPPORTING ROADS OR DRIVEWAYS.
 - c) ALLOW FOR WIND AND DEAD LOADS FOR SOLID 1.8m HIGH FENCE, OR HIGHER IF SPECIFIED IN THE ACOUSTIC REPORT.
 - d) ALLOW FOR MAX 1 IN 4 SLOPE AT TOP AND TOE OF WALLS.
 - e) TORSIONALLY RIGID BEAMS SUCH AS UC SECTION SHALL BE SPECIFIED.
 - f) DESIGN SHALL ACHIEVE 60 YEAR DESIGN LIFE. OR DESIGN LIFE SPECIFIED BY THE RELEVANT AUTHORITY.
 - g) CONTRACTOR SHALL ARRANGE GEOTECHNICAL INVESTIGATION AND STRUCTURAL DESIGN SHALL ALLOW FOR CONDITIONS IDENTIFIED IN INVESTIGATION.
 - h) WALL DESIGN SHOULD INCLUDE FOUNDATION LEVELS WITH THEIR LINE OF INFLUENCE CLEAR OF ANY PROPOSED UTILITY SERVICES INSTALLATIONS.
4. CONTRACTOR SHALL PROVIDE RPEQ CERTIFIED STRUCTURAL DESIGN PRIOR TO CONSTRUCTION AND FORM 15 CERTIFICATION.
5. CONTRACTOR SHALL ARRANGE FOR RPEQ INSPECTIONS DURING CONSTRUCTION AND PROVIDE RPEQ CERTIFIED FORM 16 PRIOR TO PRACTICAL COMPLETION BEING AWARDED
6. CONTRACTOR TO CONSIDER NEARBY EXISTING AND PROPOSED SERVICES WITHIN RPEQ DESIGN OF WALLS, AND TO OBTAIN BUILD OVER ASSET APPROVALS WITH THE RELEVANT AUTHORITIES AS REQUIRED BY THE AUTHORITIES' SPECIFICATIONS, PRIOR TO CONSTRUCTION. CONTRACTOR TO PROVIDE BUILD OVER ASSET APPROVALS TO THE SUPERINTENDENT, PRIOR TO CONSTRUCTION.
7. RETAINING WALLS TO BE CONSTRUCTED TO MANUFACTURERS SPECIFICATIONS.
8. PROVIDE APPROVED SAFETY FENCE TO ALL WALLS HIGHER THAN 1.0m.
9. CONTRACTOR TO ENSURE ALL WORKS ADJACENT TO EXISTING RETAINING WALLS IS UNDERTAKEN SO AS NOT TO IMPACT ON THE STRUCTURAL INTEGRITY OF THE EXISTING WALLS. SUBSOIL OUTLETS FOR EXISTING RETAINING WALLS TO BE KEPT FREE DRAINING AT ALL TIMES.
10. WALL ALIGNMENT IS TO BE PEGGED FOR INSPECTION BY SUPERINTENDENT PRIOR TO CONSTRUCTION.
11. WALLS TO BE VERTICAL FACE TYPE TO A MAXIMUM HEIGHT OF 2.5m. TYPE, FINISH AND

- COLOUR TO BE APPROVED BY SUPERINTENDENT, UNLESS NOTED OTHERWISE.
12. CONTRACTOR IS RESPONSIBLE FOR PROVIDING STRUCTURAL DESIGN, CONSTRUCTION SUPERVISION AND STRUCTURAL CERTIFICATION BY A SUITABLY QUALIFIED AND EXPERIENCED, REGISTERED STRUCTURAL ENGINEER (RPEQ) FOR ALL WALLS 1.0m HIGH OR GREATER.
13. BE LODGED FOR EARTH RETAINING STRUCTURES >1000mm HIGH.
14. ALL WALLS TO BE DESIGNED BASED ON A GEOTECHNICAL ASSESSMENT OF INSITU SOILS BY A SUITABLY QUALIFIED ENGINEER. SHOULD WALLS REQUIRE ADDITIONAL FOOTINGS AND/OR FOUNDATION SUPPORT, THESE ARE TO BE FACTORED INTO THE DESIGN AND THE TENDERED COST OF THE WALLS.
15. PRIVATE WALLS INCLUDING FOOTING TO BE CONTAINED WHOLLY WITHIN PRIVATE PROPERTY AND ARE TO BE FULLY CONTAINED WITHIN THE LOWER LOT UNLESS WALL ABUTS ROAD RESERVE/PARK, IN WHICH CASE THE WALL SHALL BE CONTAINED WHOLLY WITHIN THE PRIVATE PROPERTY.
16. SUBSOIL DRAINAGE BEHIND ALL WALLS TO INCLUDE DISCHARGE PIPE INTO THE NEAREST STORMWATER STRUCTURE (OR DEDICATED KERB ADAPTOR) AND MUST BE FREE DRAINING. ALL WALL DRAINAGE LINES DISCHARGING THROUGH LOTS OR ROAD VERGE TO BE SOLID uPVC (NO SLOTS) AND MUST BE FREE DRAINING.
17. WALLS ARE TO BE CAPABLE OF SUPPORTING TWO STOREY "HEAVY CONSTRUCTION" BUILDINGS.
18. CONTRACTOR TO PROVIDE & MAINTAIN SAFETY FENCE TO ALL WALLS GREATER THAN 1.0m IN HEIGHT.
19. A MINIMUM 600mm CLEARANCE IS TO BE MAINTAINED BETWEEN THE OUTSIDE OF THE BORED PIERS AND THE OUTSIDE OF ANY SEWER MAIN OR ROOFWATER PIPE IN THE VICINITY OF THE RETAINING WALL.
20. RETAINING WALL DESIGN AND CONSTRUCTION TO CONSIDER AND CATER FOR ALL SERVICES LOCATED UNDER, OR IN THE VICINITY OF, THE RETAINING WALL.
21. ALL WALLS TO BE DESIGNED TO ALLOW FOR 1.8m HIGH ENCLOSED FENCE.
22. WHERE APPLICABLE, RETAINING WALL DESIGN AND CONSTRUCTION SHALL MAKE ANY NECESSARY ALLOWANCES TO FACILITATE AND ENABLE FUTURE RETAINING WALL JOINTS/CONNECTIONS/EXTENSIONS.
23. EXTENT OF ALL WALLS TO BE CONFIRMED BY CONTRACTOR WITH SUPERINTENDENT PRIOR TO STARTING CONSTRUCTION.
24. ORANGE MESH SAFETY FENCING TO BE ERECTED ON TOP OF WALL 1.0m HIGH OR GREATER AND MAINTAINED UNTIL OFF-MAINTENANCE.



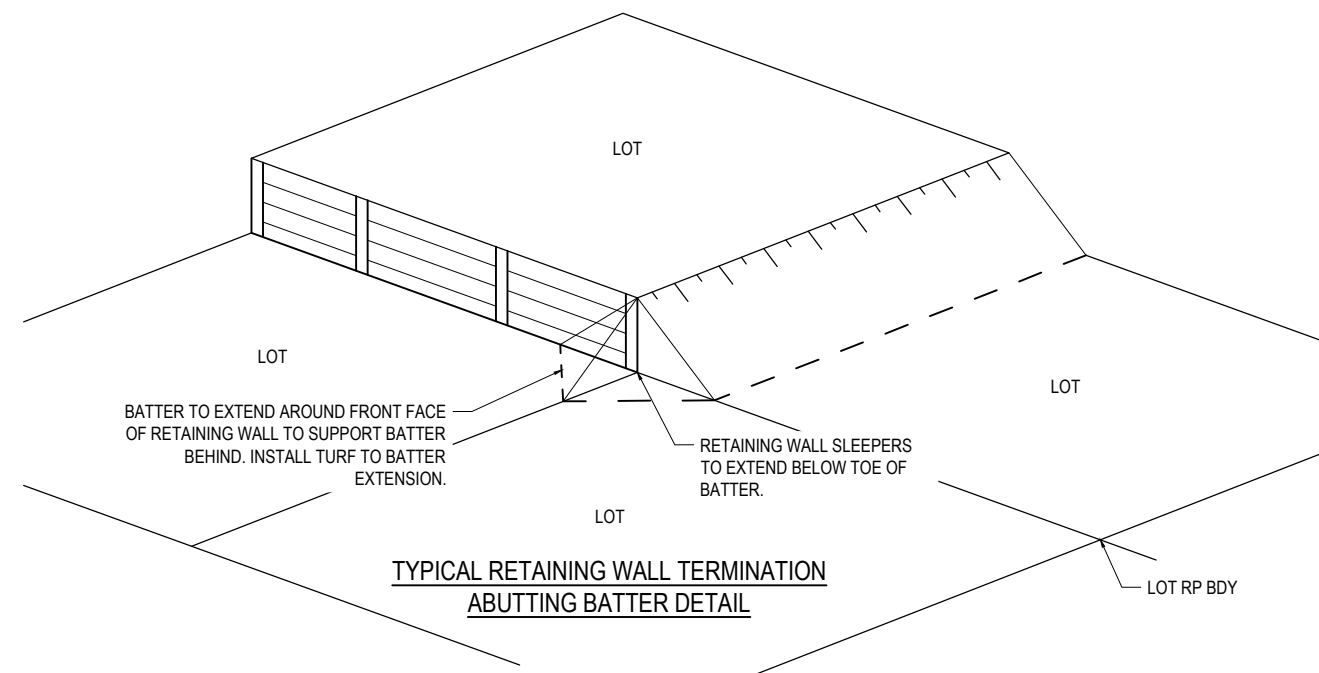
TYPICAL BOULDER RETAINING WALL DETAIL
N.T.S

BOULDER RETAINING WALL NOTE
 STEPPED BOULDER RETAINING WALLS TO BE
 CONSTRUCTED WITH 1.5m HORIZONTAL
 CLEARANCE BETWEEN THE FRONT AND BACK OF
 SUBSEQUENT WALLS.

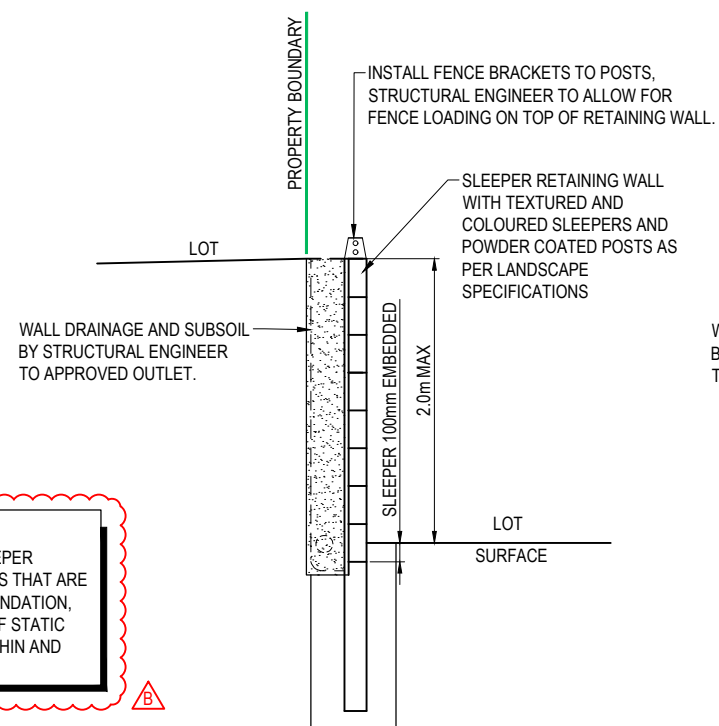
| TYPICAL WALL PROFILE | | | |
|----------------------|---------------|-----|----------------|
| WALL HEIGHT mm | WIDTH OF WALL | | WALL EMBEDMENT |
| | BASE | TOP | FRONT FACE |
| 1000 | 700 | 600 | 300 |
| 1500 | 900 | 600 | 400 |
| 2000 | 1200 | 750 | 500 |
| 2500 | 1500 | 750 | 500 |
| 3000 | 1800 | 900 | 750 |

NOTE

WHERE RETAINING WALLS (BOULDER AND SLEEPER RETAINING WALLS) ARE LOCATED WITHIN AREAS THAT ARE IMPACTED BY PERMANENT OR TEMPORARY INUNDATION, WALLS MUST BE DESIGNED FOR THE EFFECT OF STATIC AND TRANSIENT PORE WATER PRESSURES WITHIN AND EXTERNAL TO THE STRUCTURE.

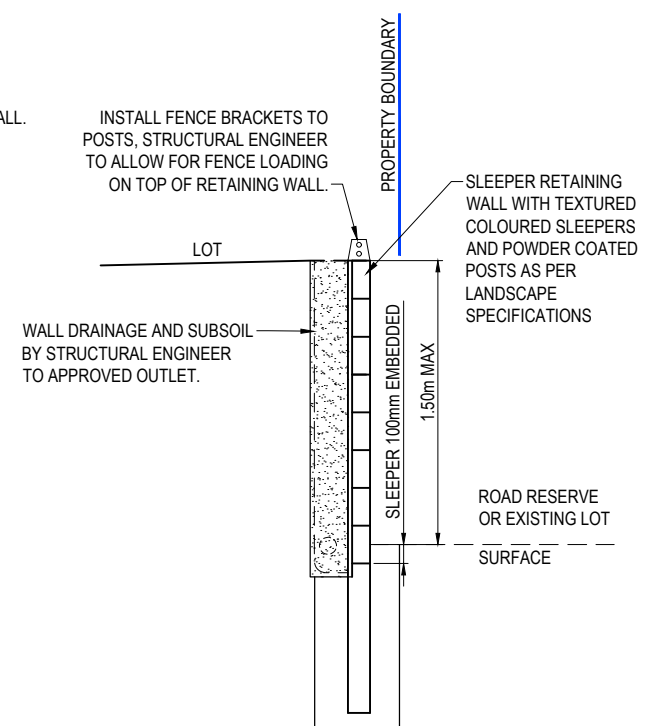


TYPICAL RETAINING WALL TERMINATION
ABUTTING BATTER DETAIL



TYPICAL SINGLE TIER CONCRETE
SLEEPER RETAINING WALL AT BDY TYPE 1
(IN LOW-SIDE LOT, INCLUDING B2B WALLS)

N.T.S



TYPICAL SINGLE TIER CONCRETE SLEEPER
RETAINING WALL AT BDY TYPE 2
(IN HIGH-SIDE LOT, FILL AGAINST ROAD RESERVE
OR NEIGHBOURING PROPERTY BOUNDARY)
N.T.S

NOTE
DETAIL TO APPLY TO ALL RETAINING
WALL TERMINATIONS ADJACENT TO
BATTERS INCLUDING AT VERGES.

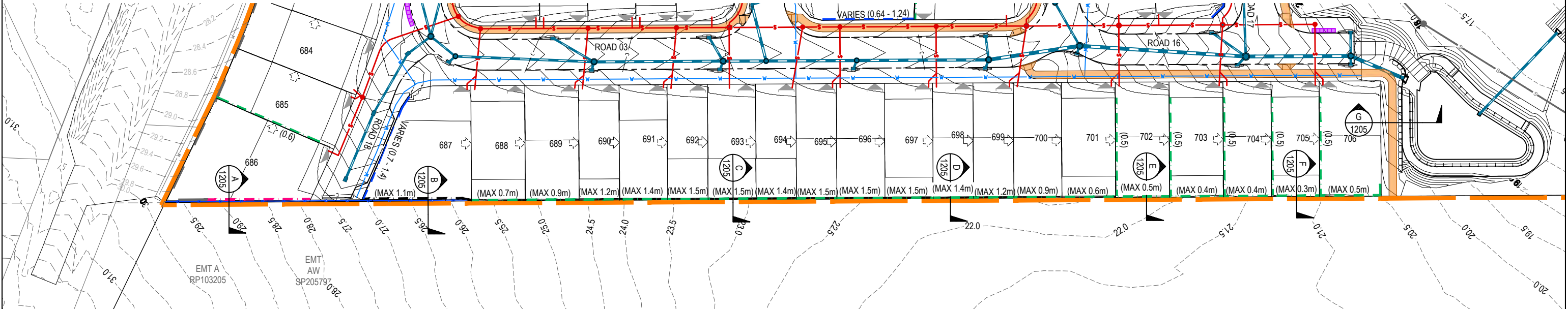
MINIMUM DESIGN REQUIREMENTS

- SURCHARGE LOADING ON BACKFILL : 5KPa FOR LOTS AND 10KPa FOR ROAD RESERVE.
- POST AND FOOTING DESIGN TO ALLOW FOR 1.8m HIGH FENCE OR HIGHER IF SPECIFIED IN THE ACUSTIC REPORT.
- MAX 1V:4H SLOPE BEHIND WALL

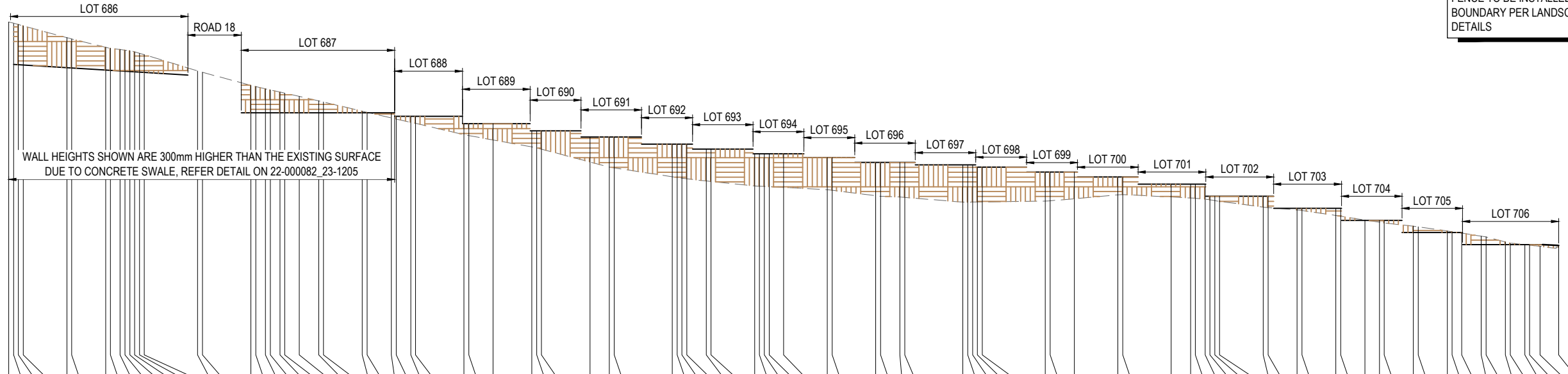
NOTES:

1. RETAINING WALLS TO BE CONSTRUCTED TO MANUFACTURERS SPECIFICATIONS.
2. CONTRACTOR TO PROVIDE STRUCTURAL CERTIFICATION FOR RETAINING WALLS DESIGN AND CONSTRUCTION.
3. PROVIDE APPROVED SAFETY FENCE TO ALL WALLS HIGHER THAN 1.0m.
4. ALL RETAINING WALL FOOTINGS TO BE LOCATED A MINIMUM 1.0m HORIZONTALLY CLEAR OF THE ROOFWATER AND SEWER AND BE TAKEN BELOW THE ZONE OF INFLUENCE.

[illegible]



NOTE
FENCE TO BE INSTALLED ALONG THE ENTIRE EASTERN
BOUNDARY PER LANDSCAPE ARCHITECTS PLANS AND
DETAILS



| DATUM RL 15.0 | | | |
|---------------|-----------|------------------|-----------|
| WALL HEIGHT | PAD LEVEL | EXISTING SURFACE | CHAINAGES |
| 0.000 | 27.748 | 29.748 | 0.000 |
| 1.000 | 27.992 | 29.698 | 1.000 |
| 2.000 | 27.980 | 29.641 | 2.000 |
| 3.000 | 27.968 | 29.586 | 3.000 |
| 12.000 | 27.858 | 29.100 | 12.000 |
| 13.000 | 27.846 | 29.047 | 13.000 |
| 20.000 | 27.761 | 28.706 | 20.000 |
| 21.000 | 27.749 | 28.665 | 21.000 |
| 23.000 | 27.724 | 28.610 | 23.000 |
| 24.000 | 27.712 | 28.583 | 24.000 |
| 25.000 | 27.700 | 28.560 | 25.000 |
| 26.000 | 27.688 | 28.512 | 26.000 |
| 27.000 | 27.676 | 28.455 | 27.000 |
| 28.000 | 27.663 | 28.397 | 28.000 |
| 39.000 | 27.727 | 27.727 | 39.000 |
| 40.000 | 27.668 | 27.668 | 40.000 |
| 50.000 | 27.132 | 27.132 | 50.000 |
| 51.000 | 27.078 | 27.078 | 51.000 |
| 53.000 | 26.987 | 26.987 | 53.000 |
| 54.000 | 26.942 | 26.942 | 54.000 |
| 56.000 | 26.892 | 26.892 | 56.000 |
| 57.000 | 26.807 | 26.807 | 57.000 |
| 60.000 | 26.672 | 26.672 | 60.000 |
| 64.000 | 26.492 | 26.492 | 64.000 |
| 65.000 | 26.445 | 26.445 | 65.000 |
| 73.000 | 26.220 | 26.220 | 73.000 |
| 74.000 | 26.014 | 26.014 | 74.000 |
| 79.000 | 25.785 | 25.785 | 79.000 |
| 80.000 | 25.739 | 25.739 | 80.000 |
| 83.000 | 25.606 | 25.606 | 83.000 |
| 84.000 | 25.561 | 25.561 | 84.000 |
| 94.000 | 25.094 | 25.094 | 94.000 |
| 95.000 | 25.054 | 25.054 | 95.000 |
| 100.000 | 24.875 | 24.875 | 100.000 |
| 108.000 | 24.588 | 24.588 | 108.000 |
| 109.000 | 24.551 | 24.551 | 109.000 |
| 110.000 | 24.497 | 24.497 | 110.000 |
| 120.000 | 23.966 | 23.966 | 120.000 |
| 124.000 | 23.753 | 23.753 | 124.000 |
| 125.000 | 23.722 | 23.722 | 125.000 |
| 137.000 | 23.357 | 23.357 | 137.000 |
| 138.000 | 23.327 | 23.327 | 138.000 |
| 139.000 | 23.295 | 23.295 | 139.000 |
| 140.000 | 23.272 | 23.272 | 140.000 |
| 144.000 | 23.181 | 23.181 | 144.000 |
| 145.000 | 23.160 | 23.160 | 145.000 |
| 154.000 | 22.980 | 22.980 | 154.000 |
| 155.000 | 22.965 | 22.965 | 155.000 |
| 156.000 | 22.959 | 22.959 | 156.000 |
| 157.000 | 22.949 | 22.949 | 157.000 |
| 160.000 | 22.918 | 22.918 | 160.000 |
| 169.000 | 22.823 | 22.823 | 169.000 |
| 170.000 | 22.798 | 22.798 | 170.000 |
| 179.000 | 22.573 | 22.573 | 179.000 |
| 180.000 | 22.550 | 22.550 | 180.000 |
| 184.000 | 22.519 | 22.519 | 184.000 |
| 185.000 | 22.504 | 22.504 | 185.000 |
| 197.000 | 22.308 | 22.308 | 197.000 |
| 198.000 | 22.304 | 22.304 | 198.000 |
| 199.000 | 22.314 | 22.314 | 199.000 |
| 200.000 | 22.314 | 22.314 | 200.000 |
| 201.000 | 22.314 | 22.314 | 201.000 |
| 214.000 | 22.353 | 22.353 | 214.000 |
| 215.000 | 22.361 | 22.361 | 215.000 |
| 220.000 | 22.449 | 22.449 | 220.000 |
| 229.000 | 22.609 | 22.609 | 229.000 |
| 230.000 | 22.621 | 22.621 | 230.000 |
| 240.000 | 22.519 | 22.519 | 240.000 |
| 244.000 | 22.478 | 22.478 | 244.000 |
| 245.000 | 22.465 | 22.465 | 245.000 |
| 247.000 | 22.431 | 22.431 | 247.000 |
| 248.000 | 22.407 | 22.407 | 248.000 |
| 249.000 | 22.372 | 22.372 | 249.000 |
| 250.000 | 22.342 | 22.342 | 250.000 |
| 259.000 | 22.106 | 22.106 | 259.000 |
| 260.000 | 22.083 | 22.083 | 260.000 |
| 266.000 | 21.985 | 21.985 | 266.000 |
| 267.000 | 21.964 | 21.964 | 267.000 |
| 274.000 | 21.754 | 21.754 | 274.000 |
| 275.000 | 21.723 | 21.723 | 275.000 |
| 280.000 | 21.569 | 21.569 | 280.000 |
| 283.000 | 21.477 | 21.477 | 283.000 |
| 284.000 | 21.449 | 21.449 | 284.000 |
| 289.000 | 21.315 | 21.315 | 289.000 |
| 291.000 | 21.288 | 21.288 | 291.000 |
| 297.000 | 21.116 | 21.116 | 297.000 |
| 298.000 | 21.087 | 21.087 | 298.000 |
| 300.000 | 21.027 | 21.027 | 300.000 |
| 304.000 | 20.905 | 20.905 | 304.000 |
| 305.000 | 20.874 | 20.874 | 305.000 |
| 309.000 | 20.665 | 20.665 | 309.000 |
| 310.000 | 20.614 | 20.614 | 310.000 |
| 313.000 | 20.547 | 20.547 | 313.000 |
| 314.000 | 20.527 | 20.527 | 314.000 |
| 316.163 | 20.484 | 20.484 | 316.163 |
| 320.000 | 20.438 | 20.438 | 320.000 |

HORIZ SCALE: 500
VERTICAL SCALE: 100

| REVISION | DATE | ISSUE DETAILS |
|----------|----------|---------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL |
| B | 12.10.23 | UPDATED TO EGIS |

| DRAWN | DESIGN |
|-------|--------|
| IB | AA |
| AA | AA |

| DRAWN CHECK | STATUS |
|--|------------|
| aa | |
| DESIGN CHECK | APPROVED |
| RYAN ASHWORTH | RPEQ 19674 |
| FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | |

FOR APPROVAL

Approved Subject to Conditions of Decision Notice DA/2023/3497

SCALE

1:500 10 5 0 10 20m A1

1:1000 10 5 0 10 20m A3

1:100 2 1 0 2 4m A1

1:200 2 1 0 2 4m A3

1:500 10 5 0 10 20m A1

1:1000 10 5 0 10 20m A3

CLIENT

FOREVERLEN PTY LTD

LENNIUM GROUP

egis

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PROJECT

LANDINGS

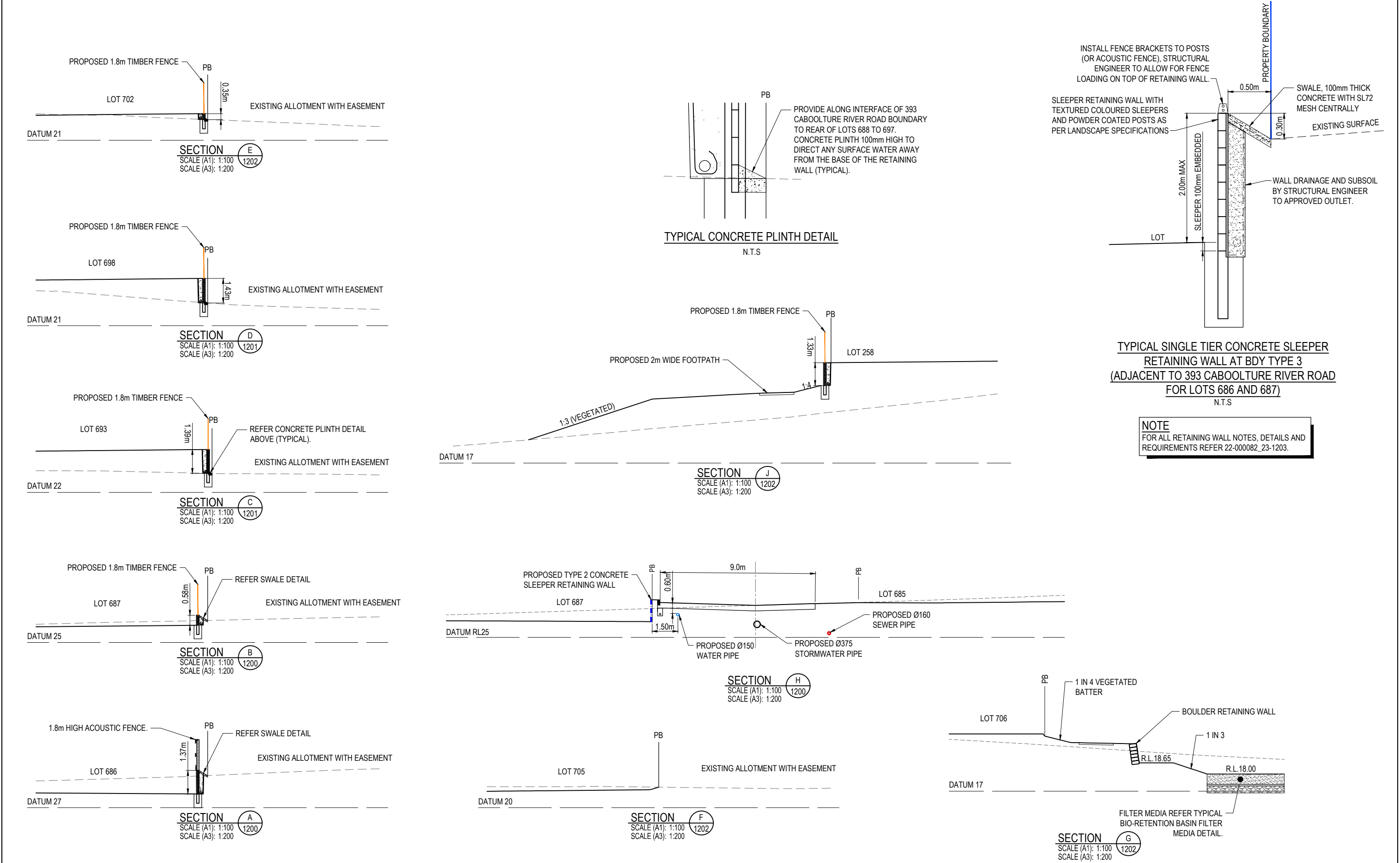
STAGE 23

DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

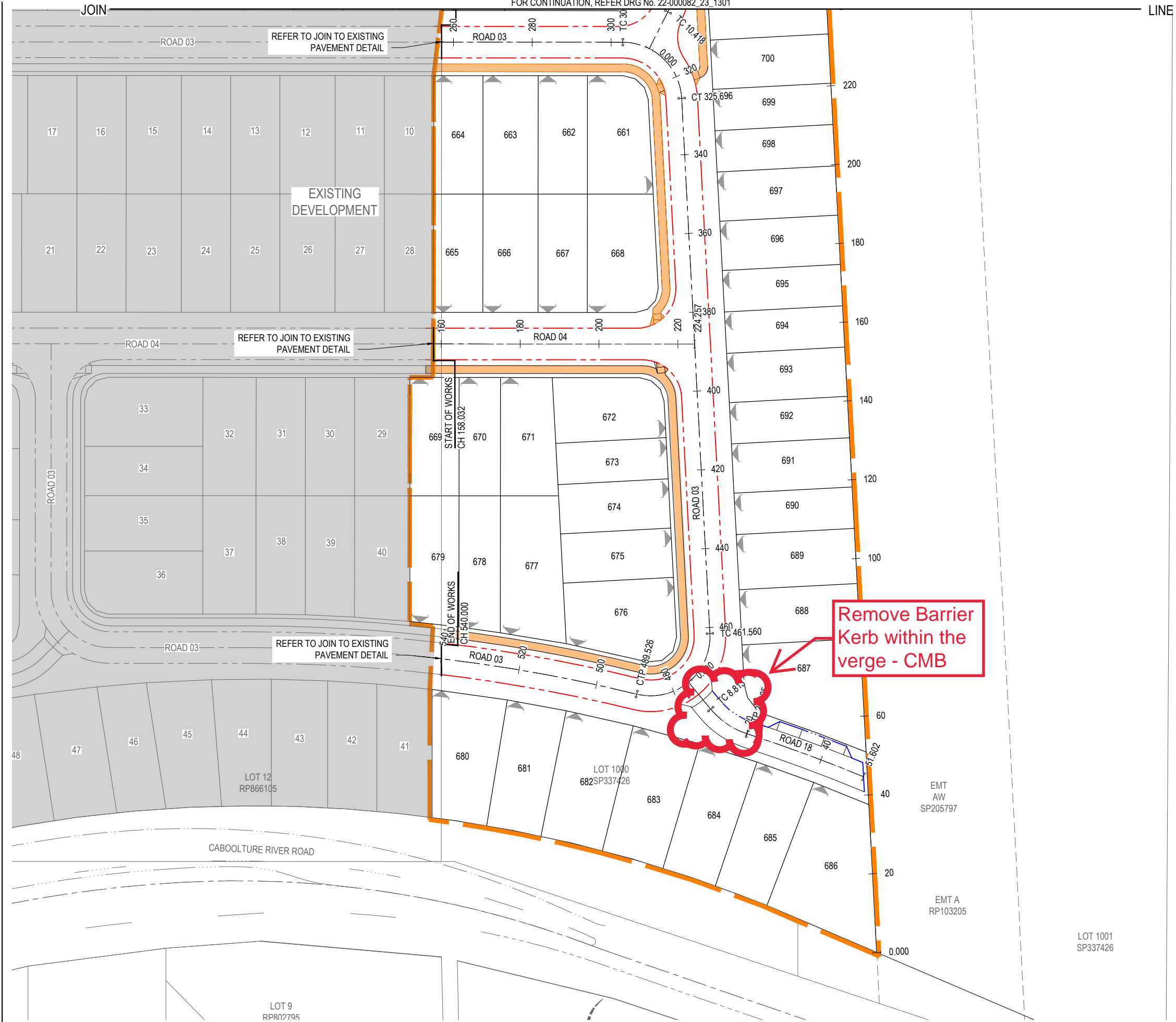
DRAWING TITLE

RETAINING WALL LONGITUDINAL SECTION

| | | |
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| PROJECT No. | DRAWING No. | REVISION |
| 22-000082_23 | 1204 | B |

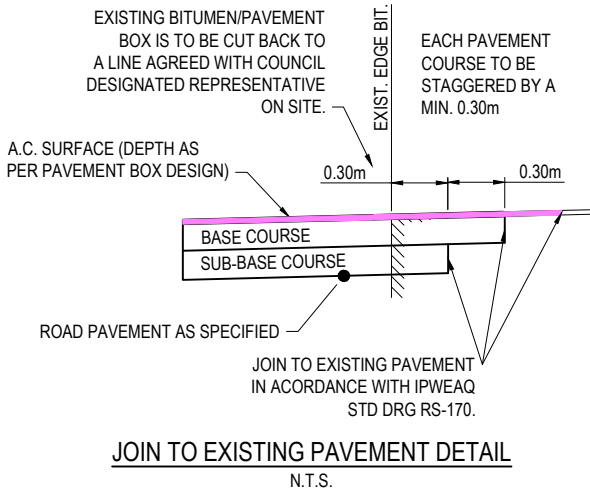


| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|---------------------|-------|--------|-------------|--|----------------|--|--|--------------------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | 1:100 1:200 | FOREVERLEN PTY LTD LENNIUM GROUP | lilywood LANDINGS STAGE 23 | RETAINING WALL SETOUT SECTIONS |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | mt | APPROVED RYAN ASHWORTH RPEQ 19674 FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | 1:100 1:200 | egis © 2023 Egis Consulting Pty Ltd www.egis-group.com | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | PROJECT No. 22-000082_23 |
| | | | | | | | | | | DRAWING No. 1205 |
| | | | | | | | | | | REVISION B |



- LEGEND**
- STAGE BOUNDARY
 - CONTROL LINE
 - MOUNTABLE KERB & CHANNEL TYPE 'M3'
 - BARRIER KERB & CHANNEL TYPE 'B1'
 - BARRIER KERB ONLY TYPE 'B2'
 - INDICATIVE DRIVEWAY LOCATIONS
 - BUILD TO BOUNDARY
 - CONCRETE FOOTPATH (2m WIDE)

NOTE:
REFER TO DRAWING 22-000082_23_1302 FOR KERB DETAILS AND CONTROL LINE SETOUT TABLES



| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS |
|----------|----------|---------------------|-------|--------|-------------|--------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | | |
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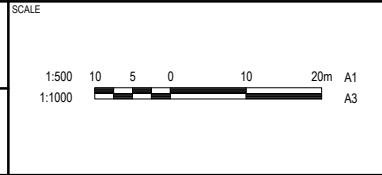
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|-------|--------|-------------|--------|
| IB | AA | aa | |
| AA | AA | | |
| | | | |
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| | | | |
| | | | |
| | | | |

FOR APPROVAL

APPROVED RYAN ASHWORTH RPEQ 19674

Ryan Ashworth

FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD



CLIENT

FOREVERLEN PTY LTD

LENNIUM GROUP

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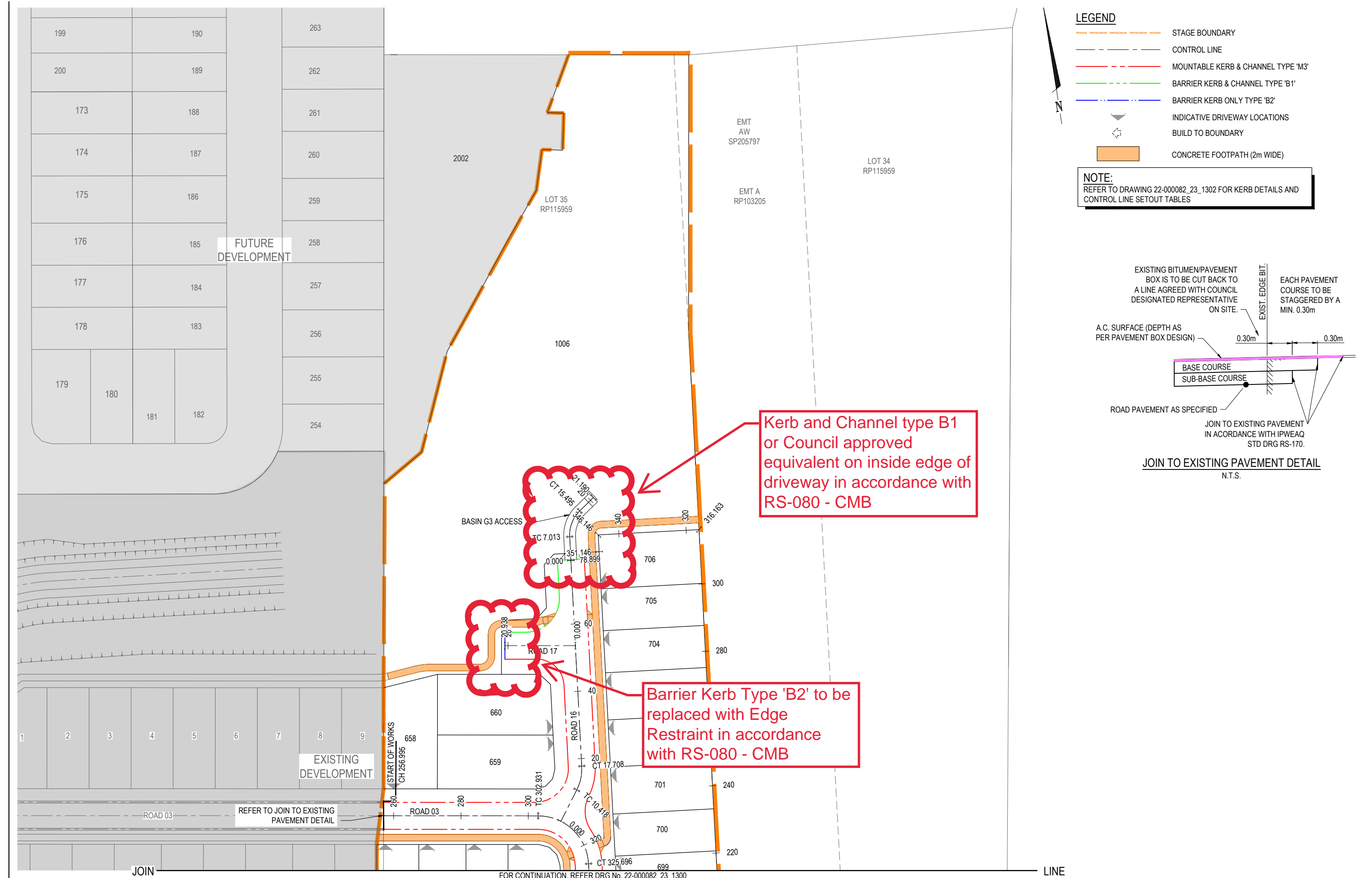
PROJECT

LANDINGS

STAGE 23

DISCLAIMER
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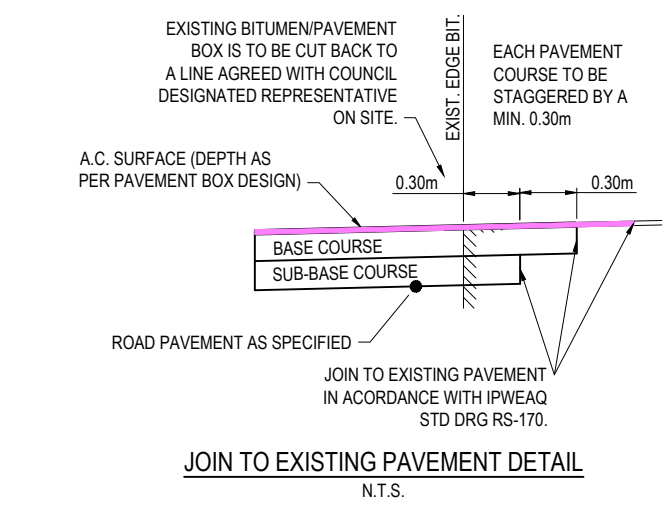
| DRAWING TITLE | PROJECT No. | DRAWING No. | REVISION |
|---------------------------------------|--------------|-------------|----------|
| CONTROL LINE SETOUT PLAN SHEET 1 OF 2 | 22-000082_23 | 1300 | B |



LEGEND

- STAGE BOUNDARY
- CONTROL LINE
- MOUNTABLE KERB & CHANNEL TYPE 'M3'
- BARRIER KERB & CHANNEL TYPE 'B1'
- BARRIER KERB ONLY TYPE 'B2'
- INDICATIVE DRIVEWAY LOCATIONS
- BUILD TO BOUNDARY
- CONCRETE FOOTPATH (2m WIDE)

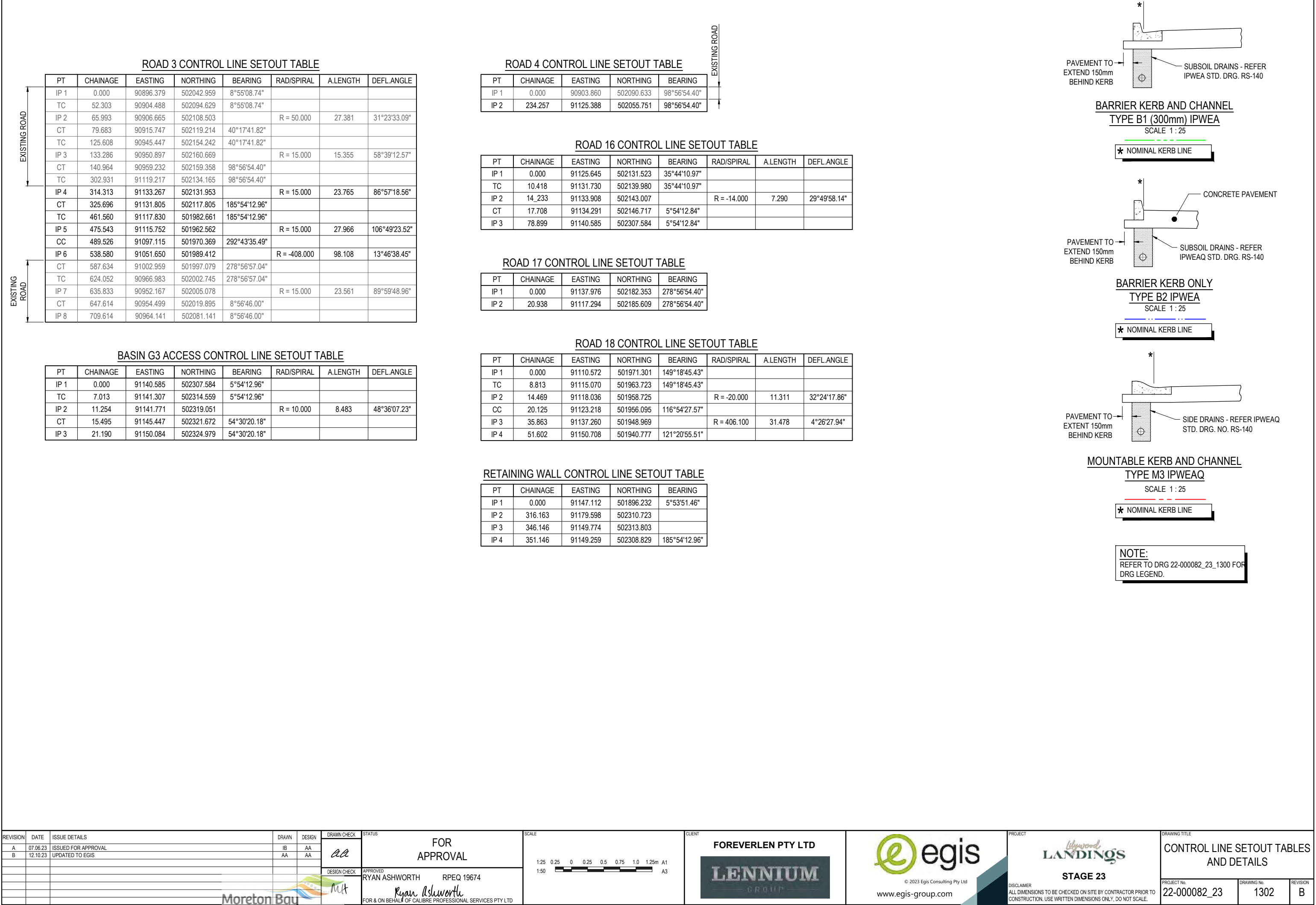
NOTE:
REFER TO DRAWING 22-000082_23_1302 FOR KERB DETAILS AND CONTROL LINE SETOUT TABLES



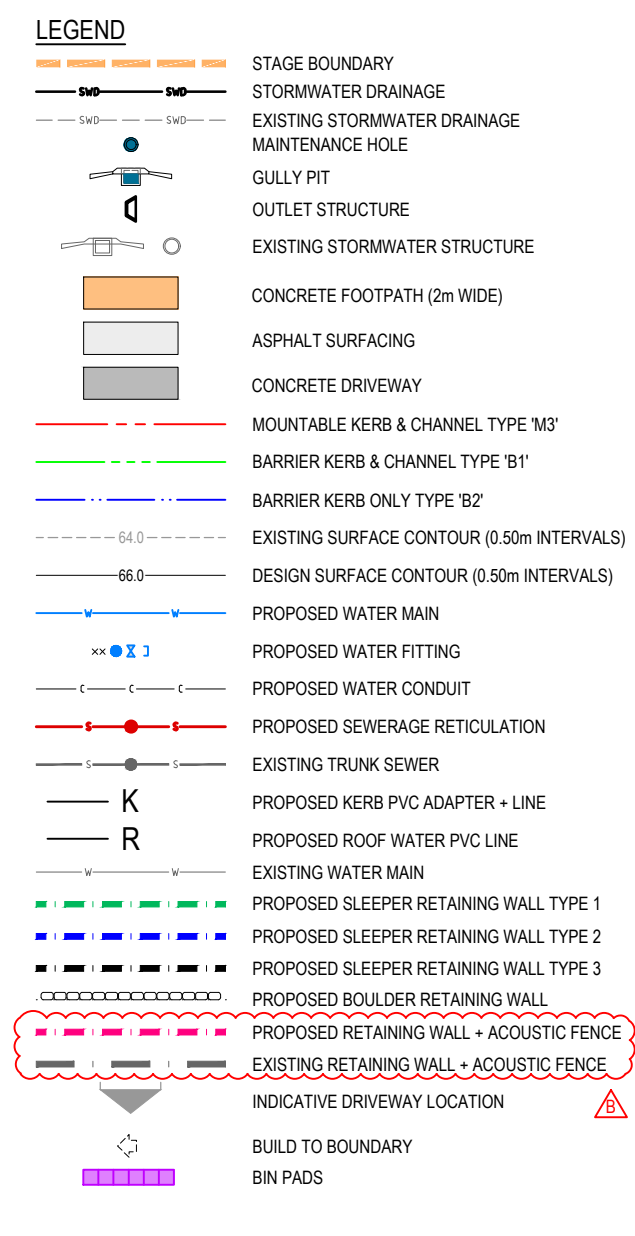
| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | FOR APPROVAL | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|---------------------|-------|--------|--------------|--------------|--|--------|--------------------|--|---------------------------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | FOR APPROVAL | 1:500 | FOREVERLEN PTY LTD | egis | CONTROL LINE SETOUT PLAN SHEET 2 OF 2 |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | aa | FOR APPROVAL | FOR APPROVAL | 1:1000 | LENNIUM GROUP | egis | CONTROL LINE SETOUT PLAN SHEET 2 OF 2 |
| | | | | | DESIGN CHECK | APPROVED | RYAN ASHWORTH RPEQ 19674 | | | STAGE 23 | PROJECT No. 22-000082_23 |
| | | | | | | | Ryan Ashworth | | | LANDINGS | DRAWING No. 1301 |
| | | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | DISCLAIMER | REVISION B |
| | | | | | | | | | | ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | |

Approved Subject to Conditions of Decision Notice DA/2023/3497

24/10/2023



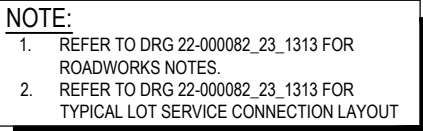
- LINE

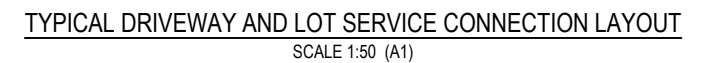


NOTE:

1. REFER TO DRG 22-000082_23_1313 FOR ROADWORKS NOTES.
2. REFER TO DRG 22-000082_23_1313 FOR TYPICAL LOT SERVICE CONNECTION LAYOUT

[illegible]

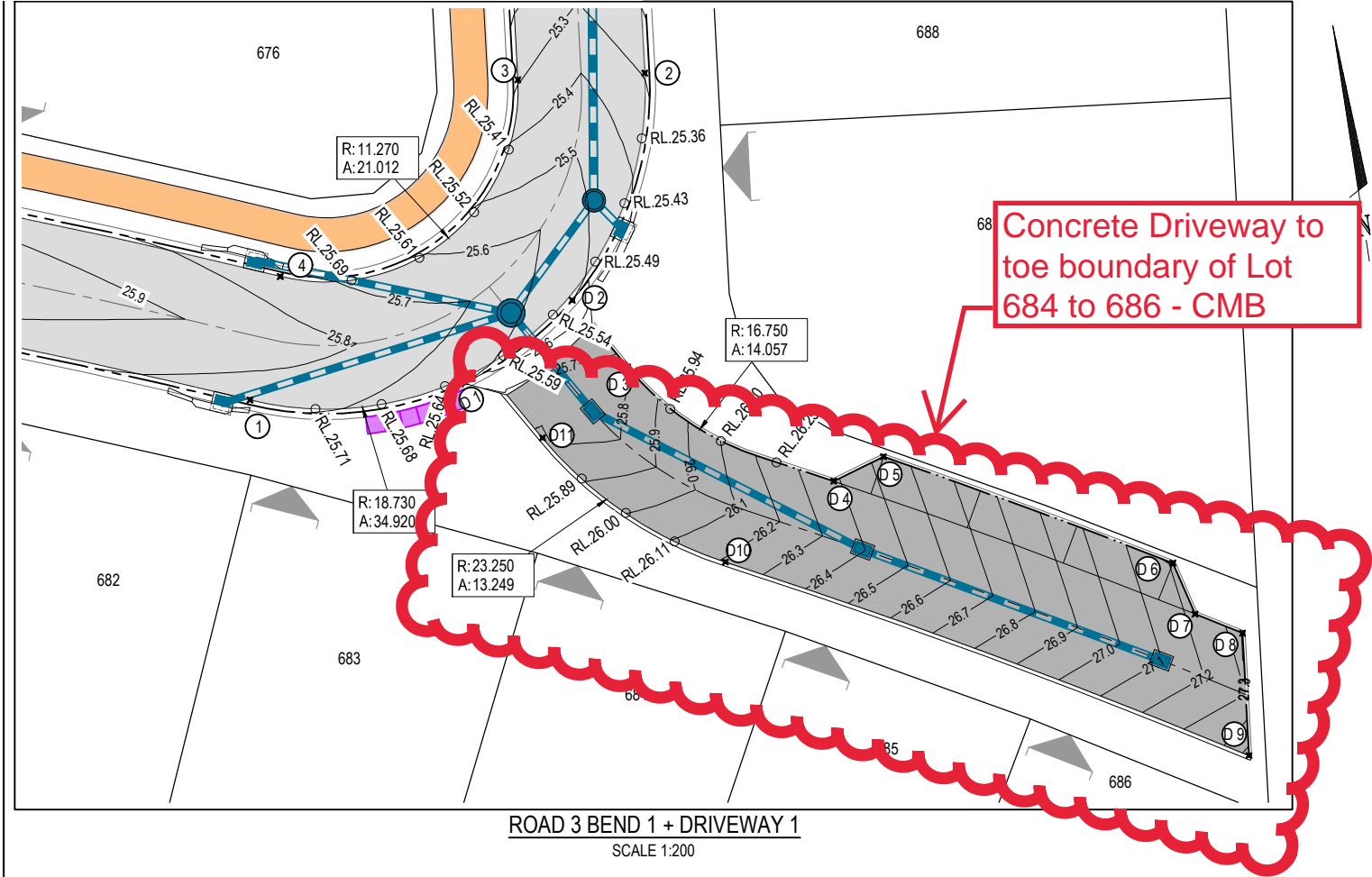
[illegible]



1. REFER TO DRG 22-000082_23_1311 FOR ROADWORKS LEGEND

1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH CURRENT MORETON BAY REGIONAL COUNCIL STANDARD DRAWINGS AND METHODS.
2. NOTWITHSTANDING THE LIMITS OF CUTTING AND FILLING SHOWN ON THE CROSS SECTIONS, THE ACTUAL LIMITS SHALL BE DETERMINED ON-SITE BY THE SUPERINTENDENT DURING CONSTRUCTION AND SIMILARLY THE FINISHED SURFACE CONTOURS MAY BE ADJUSTED BY WRITTEN DIRECTION OF THE SUPERINTENDENT DURING CONSTRUCTION.
3. LEVELS FOR KERB AND CHANNELING CONSTRUCTION ARE AT EQUAL INTERVALS AT LIP OF CHANNEL UNLESS SHOWN OTHERWISE.
4. SIDE DRAINS TO BE CONSTRUCTED UNDER ALL KERBS AND ALL KERB AND CHANNEL AND IN LOCATIONS DIRECTED BY THE SUPERINTENDENT IN ACCORDANCE WITH MORETON BAY REGIONAL COUNCIL STANDARDS.
5. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS REQUIRED TO ACHIEVE A SATISFACTORY CONNECTION AND THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN THE TENDER PRICE. WHERE NEW WORK JOINS EXISTING, THE WORK SHALL TRANSITION NEATLY WITH THE PAVEMENT SO THAT DEVIATION FROM THE LINE OF A 3.0m STRAIGHT EDGE SHALL BE NO GREATER THAN 10mm.
6. SUBGRADE TEST RESULTS TO BE FORWARDED TO SUPERINTENDENT. FOR DETERMINATION OF BOX DEPTHS PRIOR TO EXCAVATION, TESTS SHALL INCLUDE SOAKED CBR AND/OR OTHER TESTS AS REQUESTED BY THE SUPERINTENDENT.
7. CONTRACTOR TO LIAISE WITH ALL RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
8. FOOTPATHS AND BATTERS TO HAVE MINIMUM OF 75mm TOPSOIL (AND GRASSING IF ORDERED).
9. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF DEMOLISHING ANY EXISTING STRUCTURES WITHIN THE SITE AREAS.
10. WORKS SHALL BE PROGRAMMED SO AS NOT TO DISTURB NEARBY HOUSEHOLDERS EITHER BY DUST, NOISE, FLOODING OR DISCONNECTION OF SERVICES.
11. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH WORKPLACE HEALTH AND SAFETY REQUIREMENTS.

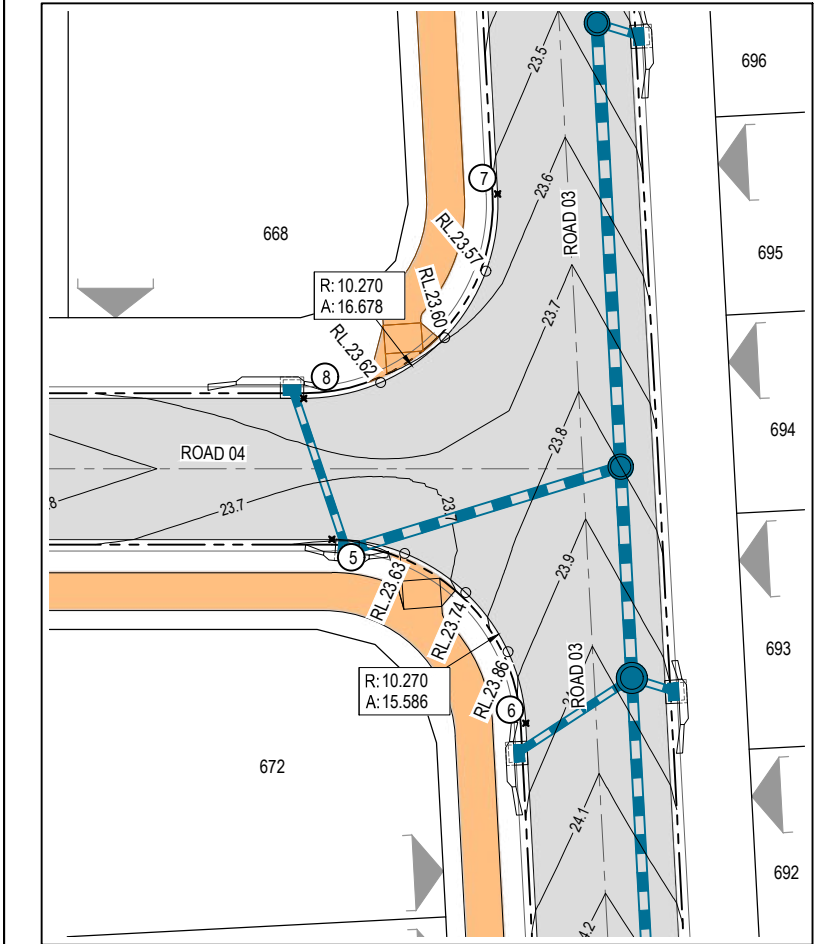
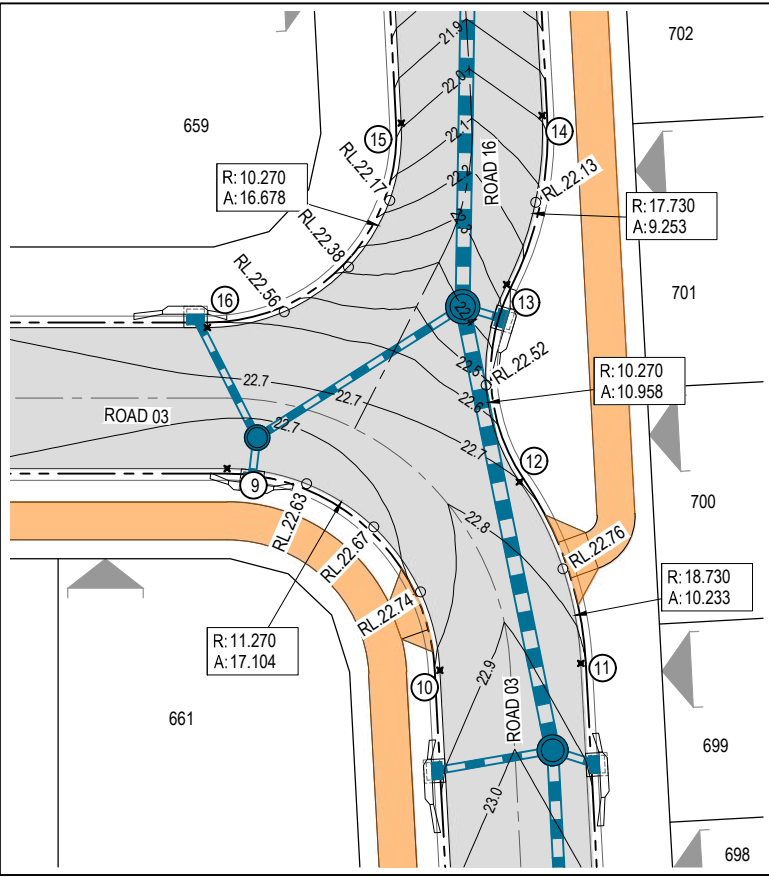
| REVISION | | | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE | | | |
|---|--|--|----------|---------------------|-------|--------|-------------|--------------|---|--|--|---|---------------------------------------|---|-----------------------------|
| A | | | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | <div><div>1:250</div><div>50</div><div>0</div><div>5</div><div>10m</div><div>A1</div></div> <div><div>1:500</div><div>50</div><div>0</div><div>5</div><div>10m</div><div>A3</div></div> | <div>FOREVERLEN PTY LTD</div> <div>LENNIUM GROUP</div> | <div><div>egis</div><div>© 2023 Egis Consulting Pty Ltd</div><div>www.egis-group.com</div></div> | <div><div>Lilypad LANDINGS</div><div>STAGE 23</div><div>DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.</div></div> | ROADWORKS LAYOUT PLAN SHEET 3 OF 3 | | |
| B | | | 12.10.23 | UPDATED TO EGIS | AA | AA | | | | | | | DESIGN CHECK | APPROVED RYAN ASHWORTH RPEQ 19674 <div>Ryan Ashworth</div> <div>FOR & ON BEHALF OF CALBRE PROFESSIONAL SERVICES PTY LTD</div> | PROJECT No. 22-000082_23 |
| <div><div>Moreton Bay</div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><di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| ROAD 3 BEND 1 SETOUT | | | |
|----------------------|-----------|------------|--------|
| POINT ID | EASTING | NORTHING | LEVEL |
| 1 | 91095.674 | 501966.928 | 25.747 |
| 2 | 91121.540 | 501982.278 | 25.293 |
| 3 | 91114.120 | 501983.045 | 25.293 |
| 4 | 91098.556 | 501973.809 | 25.747 |

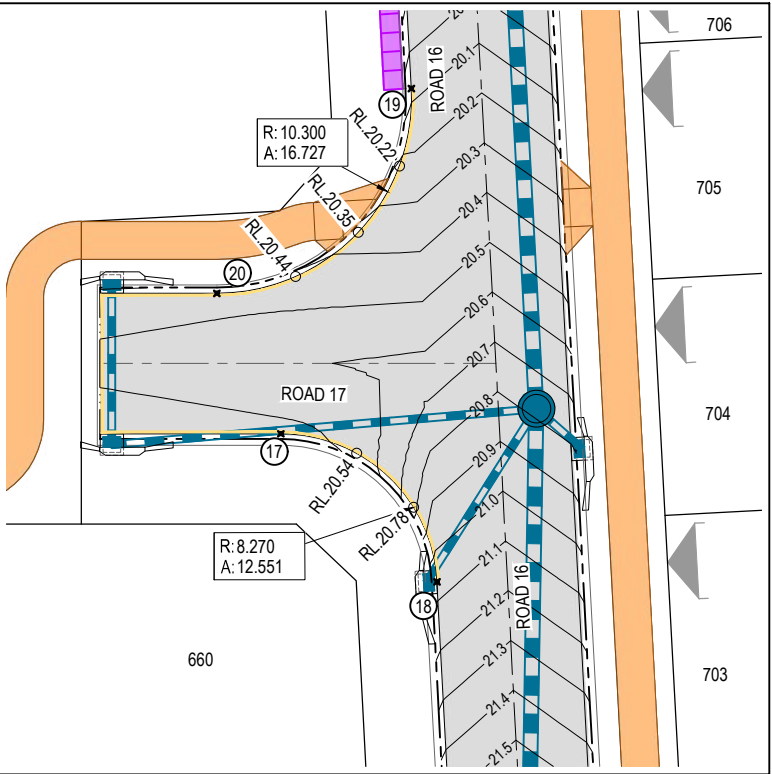
| DRIVEWAY 1 SETOUT | | | |
|-------------------|-----------|------------|--------|
| POINT ID | EASTING | NORTHING | LEVEL |
| D 1 | 91108.224 | 501965.958 | 25.606 |
| D 2 | 91115.262 | 501969.767 | 25.503 |
| D 3 | 91117.865 | 501965.381 | 25.824 |
| D 4 | 91128.765 | 501956.896 | 26.382 |
| D 5 | 91131.877 | 501957.859 | 26.686 |
| D 6 | 91147.687 | 501949.048 | 27.356 |
| D 7 | 91148.504 | 501945.895 | 27.228 |
| D 8 | 91151.078 | 501944.354 | 27.332 |
| D 9 | 91150.338 | 501937.193 | 27.537 |
| D10 | 91121.748 | 501953.197 | 26.211 |
| D11 | 91112.275 | 501962.064 | 25.824 |

| ROAD 3 & 16 SETOUT | | | |
|--------------------|-----------|------------|--------|
| POINT ID | EASTING | NORTHING | LEVEL |
| 9 | 91118.637 | 502130.480 | 22.620 |
| 10 | 91128.094 | 502118.188 | 22.823 |
| 11 | 91135.512 | 502117.393 | 22.824 |
| 12 | 91133.804 | 502127.381 | 22.703 |
| 13 | 91134.757 | 502137.801 | 22.267 |
| 14 | 91138.002 | 502146.333 | 21.990 |
| 15 | 91130.581 | 502147.100 | 21.990 |
| 16 | 91118.768 | 502138.012 | 22.623 |



| ROAD 16 & 17 SETOUT | | | |
|---------------------|-----------|------------|--------|
| POINT ID | EASTING | NORTHING | LEVEL |
| 17 | 91126.156 | 502180.438 | 20.474 |
| 18 | 91133.096 | 502171.418 | 21.063 |
| 19 | 91135.813 | 502197.406 | 20.072 |
| 20 | 91123.968 | 502188.304 | 20.458 |

| ROAD 3 & 4 SETOUT | | | |
|-------------------|-----------|------------|--------|
| POINT ID | EASTING | NORTHING | LEVEL |
| 5 | 91111.694 | 502054.131 | 23.605 |
| 6 | 91120.312 | 502042.930 | 23.946 |
| 7 | 91123.196 | 502070.821 | 23.530 |
| 8 | 91111.383 | 502061.732 | 23.652 |



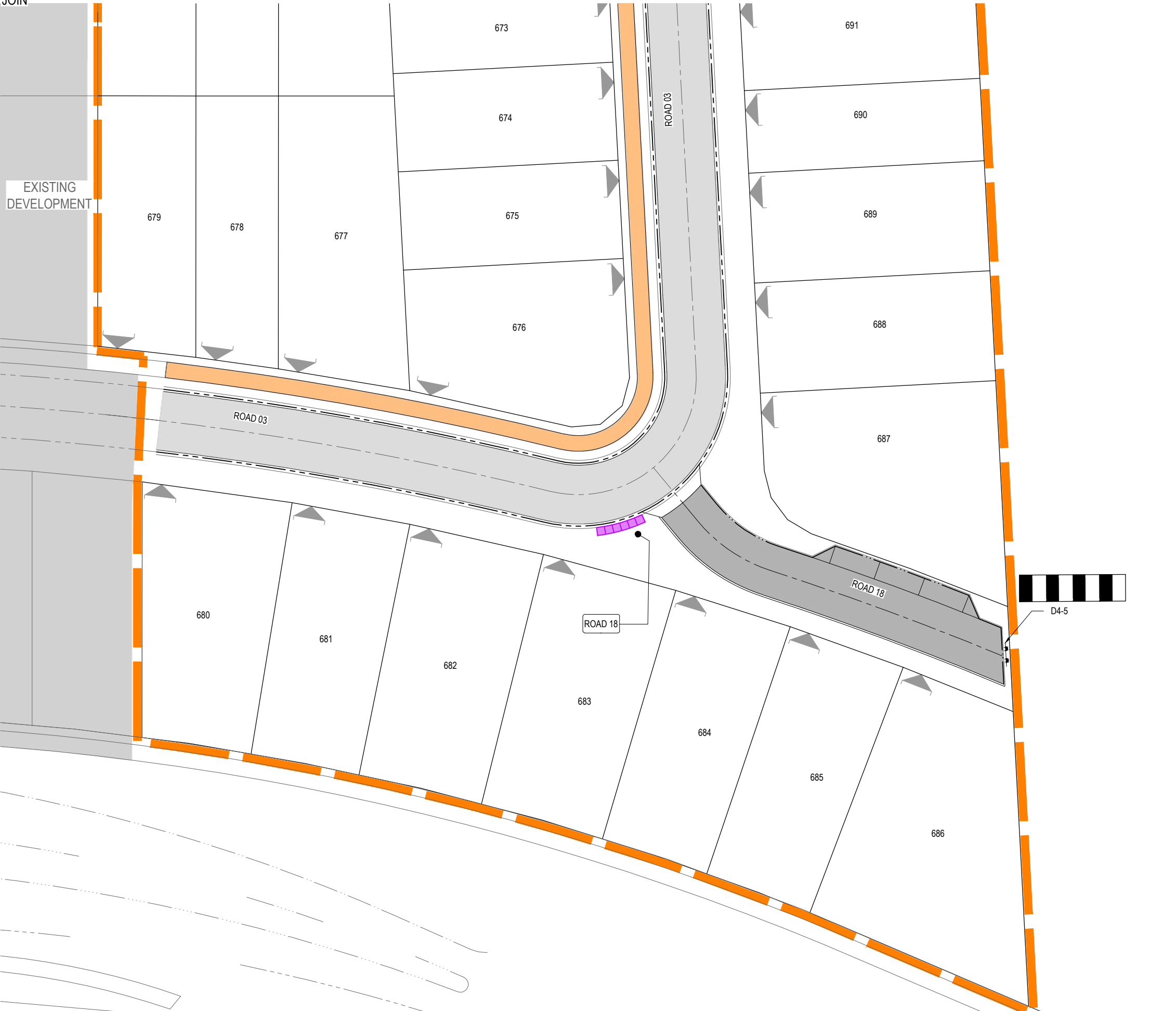
- LEGEND**
- WORKS BOUNDARY
 - NO PARKING LINE
 - CONTROL LINE
 - DESIGN SURFACE CONTOUR (0.1m INTERVALS)
 - KERB INTERMEDIATE LEVEL
 - KERB SETOUT POINT
 - CONCRETE FOOTPATH
 - ASPHALT SURFACING
 - CONCRETE DRIVEWAY
 - STORMWATER DRAINAGE
 - MAINTENANCE HOLE
 - GULLY PIT
 - OUTLET STRUCTURE
 - INDICATIVE DRIVEWAY LOCATIONS

NOTE
KERB SETOUT IS TO LIP OF KERB AND CHANNEL.
LEVEL ARE SHOWN TO LIP OF KERB AND CHANNEL.
KERB LEVELS SHOWN AT EQUAL INTERVALS, U.N.O.

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | FOR APPROVAL | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|--|----------|----------------------------|-------|--------|-------------|--------------|--------------|---|--------------------|----------|----------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | AA | FOR APPROVAL | FOR APPROVAL | 1:200 | FOREVERLEN PTY LTD | egis | INTERSECTION DETAILS |
| B | 12.10.23 | REVISED AS PER COUNCIL RFI | AA | AA | AA | FOR APPROVAL | FOR APPROVAL | 1:400 | LENNIUM GROUP | LANDINGS | INTERSECTION DETAILS |
| APPROVED RYAN ASHWORTH RPEQ 19674 | | | | | | | | 1:200 2 0 2 4 6 8 10m A1 | | | |
| FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | | | | | www.egis-group.com | | | |
| Moreton Bay Regional Council | | | | | | | | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | | | |
| 24/10/2023 | | | | | | | | PROJECT No. 22-000082_23 | | | |
| Approved Subject to Conditions of Decision Notice DA/2023/3497 | | | | | | | | DRAWING No. 1320 | | | |
| | | | | | | | | REVISION B | | | |

JOIN

LINE

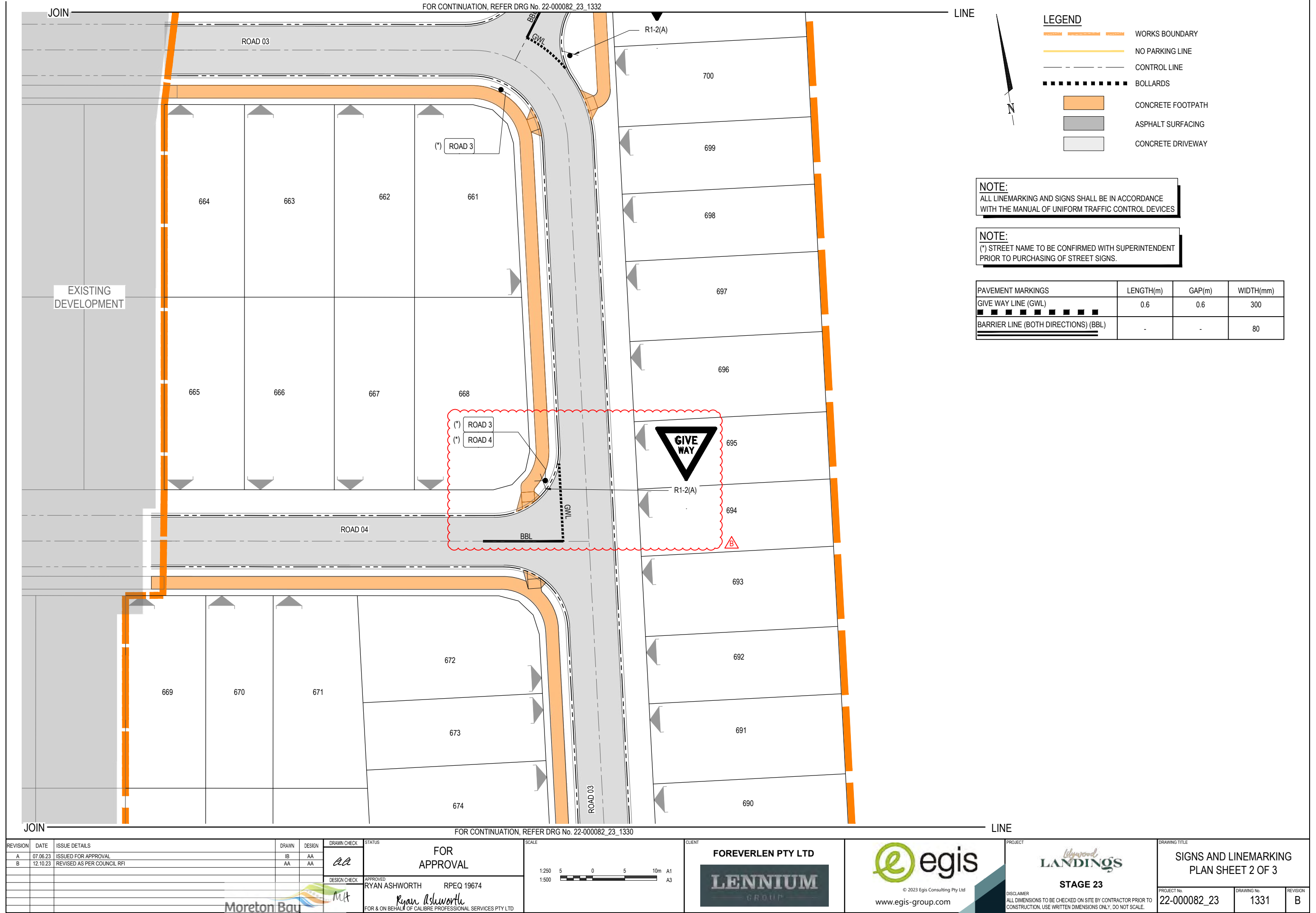


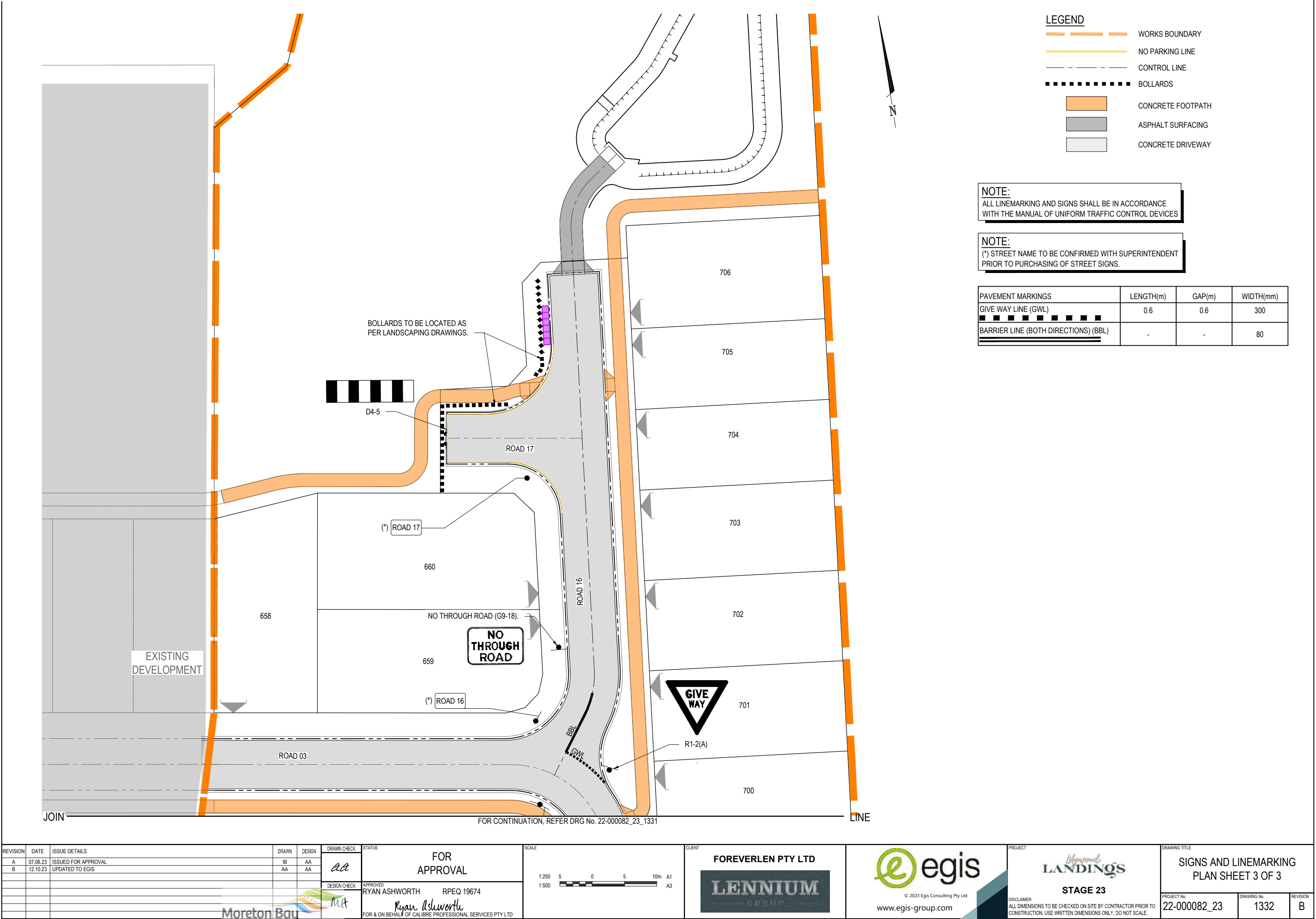
- LEGEND**
- WORKS BOUNDARY
 - NO PARKING LINE
 - CONTROL LINE
 - BOLLARDS
 - CONCRETE FOOTPATH
 - ASPHALT SURFACING
 - CONCRETE DRIVEWAY

NOTE:
ALL LINEMARKING AND SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

NOTE:
(*) STREET NAME TO BE CONFIRMED WITH SUPERINTENDENT PRIOR TO PURCHASING OF STREET SIGNS.

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|---------------------|-------|--------|-------------|--|----------------|-------------------------------------|-------------------------------|--|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | | FOR APPROVAL | 1:250 1:500 | FOREVERLEN PTY LTD LENNIUM GROUP | LILYWOOD LANDINGS STAGE 23 | SIGNS AND LINEMARKING PLAN SHEET 1 OF 3 |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | aa | | | | | |
| | | | | | MT | APPROVED RYAN ASHWORTH RPEQ 19674 FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | |
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LEGEND

- WORKS BOUNDARY
- NO PARKING LINE
- CONTROL LINE
- BOLLARDS
- CONCRETE FOOTPATH
- ASPHALT SURFACING
- CONCRETE DRIVEWAY

NOTE:
ALL LINEMARKING AND SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES

NOTE:
(*) STREET NAME TO BE CONFIRMED WITH SUPERINTENDENT PRIOR TO PURCHASING OF STREET SIGNS.

| PAVEMENT MARKINGS | LENGTH(m) | GAP(m) | WIDTH(mm) |
|--------------------------------------|-----------|--------|-----------|
| GIVE WAY LINE (GWL) | 0.6 | 0.6 | 300 |
| BARRIER LINE (BOTH DIRECTIONS) (BBL) | - | - | 80 |

| | | | | | | | | | | |
|----------|----------|---------------------|-------|--------|--|--------------------------|--------------------|--------------------|--|-----------------------|
| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | 1:250 | FOREVERLEN PTY LTD | LILYWOOD LANDINGS | SIGNS AND LINEMARKING |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | MT | APPROVED | 1:500 | LENNIUM GROUP | STAGE 23 | PLAN SHEET 3 OF 3 |
| | | | | | DESIGN CHECK | RYAN ASHWORTH RPEQ 19674 | www.egis-group.com | | DISCLAIMER | PROJECT No. |
| | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | 22-000082_23 |
| | | | | | | | | | | DRAWING No. |
| | | | | | | | | | | 1332 |
| | | | | | | | | | | REVISION |
| | | | | | | | | | | B |

Moreton Bay Regional Council

Approved Subject to Conditions of Decision Notice DA/2023/3497

24/10/2023

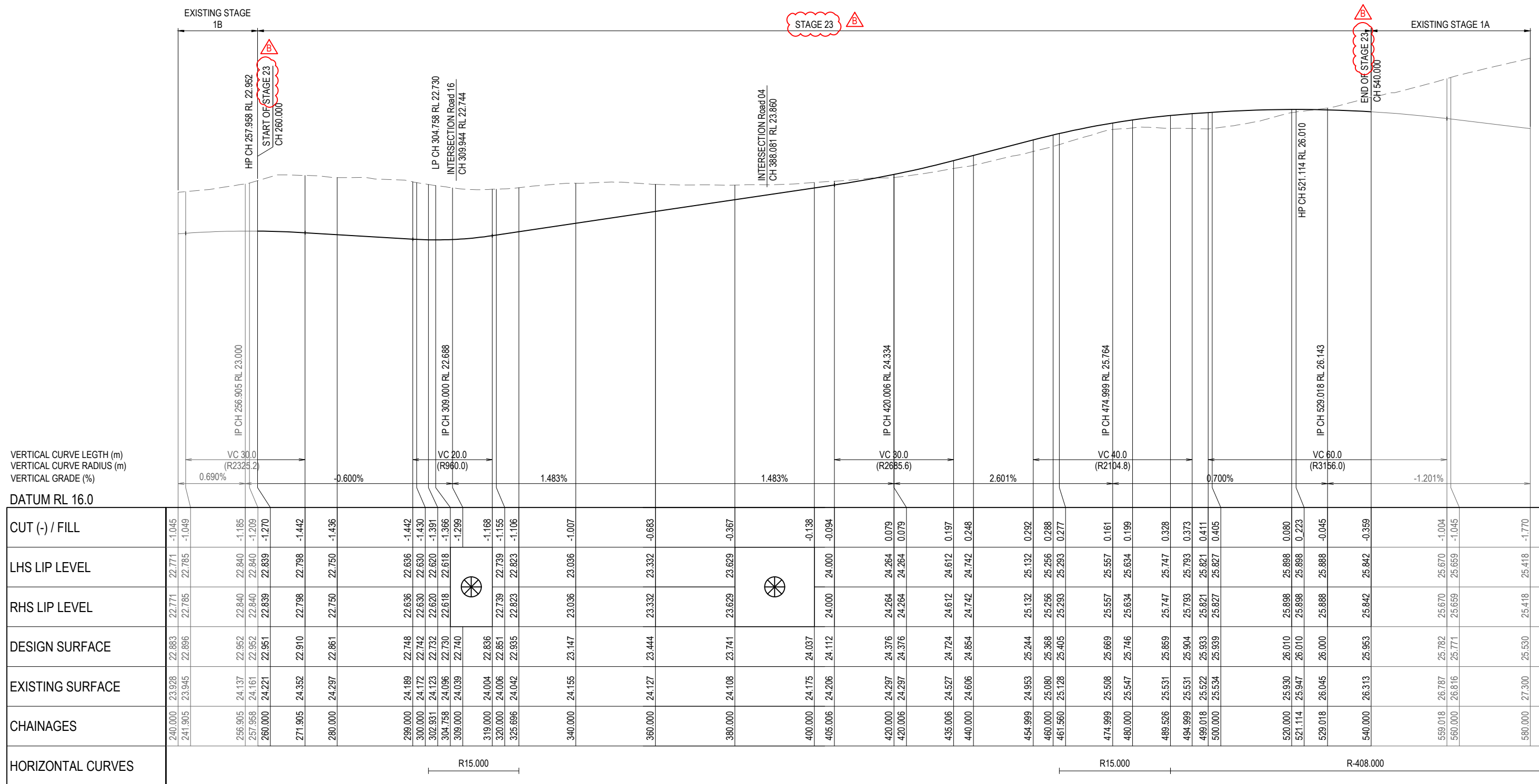
NOTE:

1. PRELIMINARY PAVEMENT DESIGNS HAVE BEEN BASED ON AN ASSUMED SUBGRADE CBR. ACTUAL PAVEMENT DESIGNS WILL BE BASED ON TEST RESULTS TAKEN AFTER STRIPPING HAS BEEN COMPLETED.
2. WHEN THE TOTAL PAVEMENT DEPTH (AS DETERMINED BY SUBGRADE TESTS) EXCEEDS THE NORMAL DEPTH, THE PAVEMENT GRAVEL SHALL EXTEND UNDER THE KERB AND CHANNEL TO 150mm BEHIND (TYP).

PRELIMINARY ROAD 3 PAVEMENT DESIGN

| ROAD | SUBGRADE CBR | TRAFFIC ESA'S | ROAD CLASS | AC SURFACING (mm) | BASE (mm) | SUB-BASE (mm) | LOWER SUB-BASE (mm) | TOTAL BOX (mm) |
|--------|-----------------|-----------------------|--------------------|-------------------|--------------|------------------|------------------------|-------------------|
| ROAD 3 | 3 * | 1.2 X 10 ⁶ | LIVING RESIDENTIAL | 25 BCC TYPE 2 | 100 | 100 | 300 | 525 |

* ASSUMED SUBGRADE CBR






ROAD 03 - LONGITUDINAL SECTION

HORIZ SCALE: 500
VERTICAL SCALE: 50

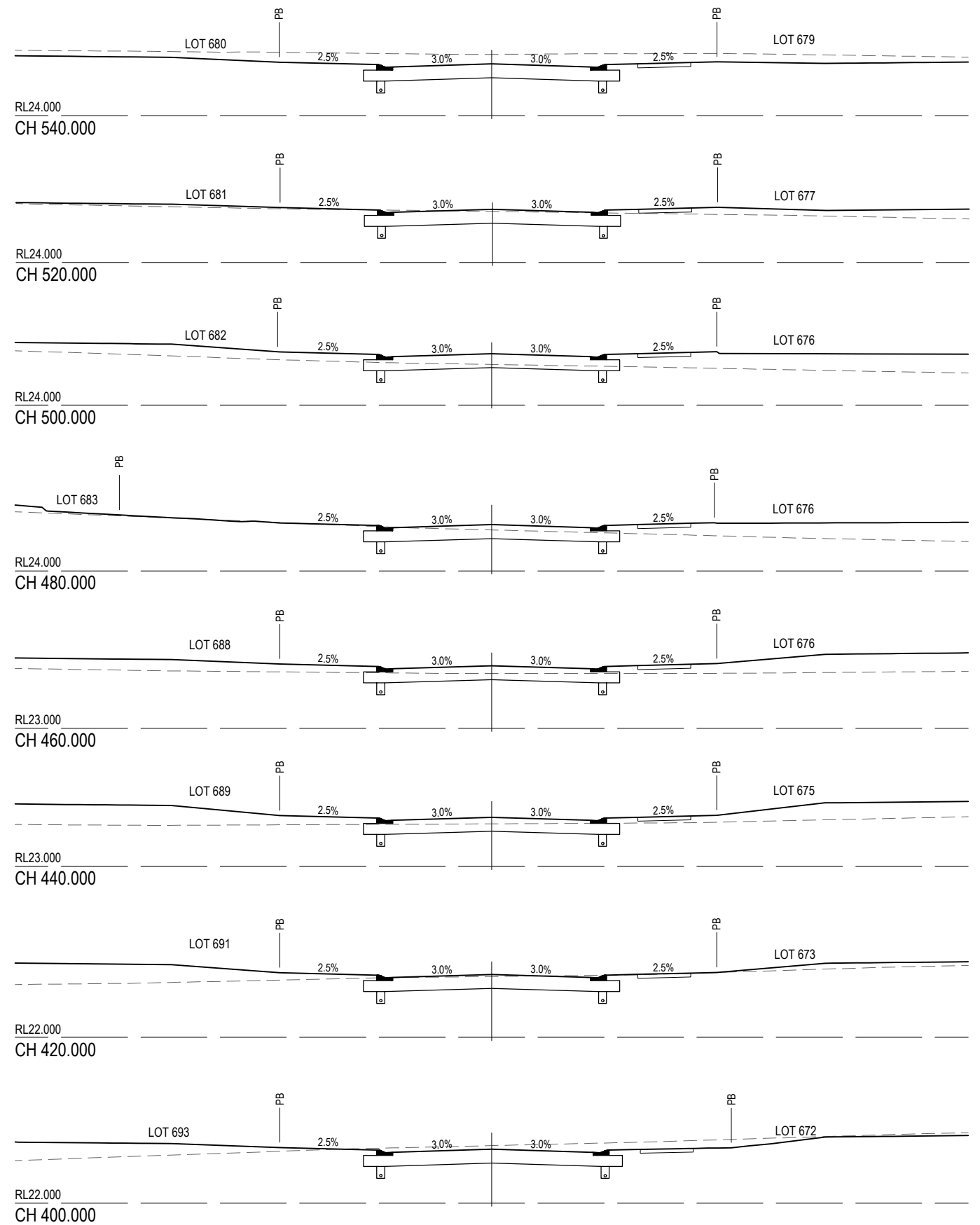


REFER INTERSECTION DETAILS FOR LEVELS

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CUSTOMER | CONSULTANT | PROJECT | DRAWING TITLE | |
|----------|----------|----------------------------|-------|--------|--------------|---|-----------------|--------------------|---|---|-----------------------------|------------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | 1:500 1:1000 | FOREVERLEN PTY LTD |  |  | ROAD 3 LONGITUDINAL SECTION | |
| B | 12.10.23 | REVISED AS PER COUNCIL RFI | AA | AA | | | 1:500 1:1000 | | | | | HORIZONTAL VERTICAL |
| | | | | | DESIGN CHECK | APPROVED RYAN ASHWORTH RPEQ 19674  FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | 1:500 1:1000 | | | | | |

Approved Subject to Conditions of Decision Notice DA/2023/3497

24/10/2023



ROAD 03 - CROSS SECTIONS

[illegible]

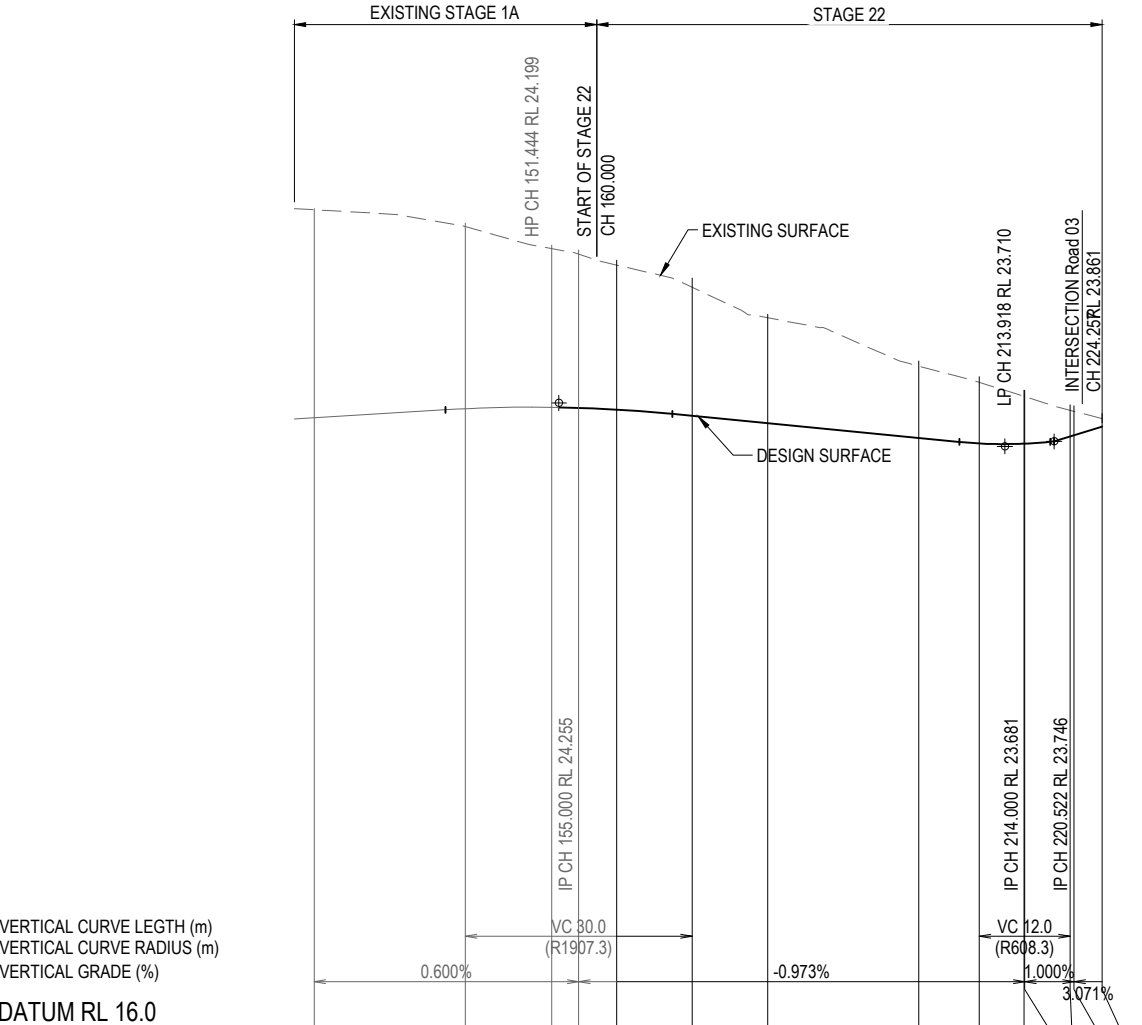
NOTE:

1. PRELIMINARY PAVEMENT DESIGNS HAVE BEEN BASED ON AN ASSUMED SUBGRADE CBR. ACTUAL PAVEMENT DESIGNS WILL BE BASED ON TEST RESULTS TAKEN AFTER STRIPPING HAS BEEN COMPLETED.
2. WHEN THE TOTAL PAVEMENT DEPTH (AS DETERMINED BY SUBGRADE TESTS) EXCEEDS THE NORMAL DEPTH, THE PAVEMENT GRAVEL SHALL EXTEND UNDER THE KERB AND CHANNEL TO 150mm BEHIND (TYP).

PRELIMINARY ROAD 4 PAVEMENT DESIGN

| ROAD | SUBGRADE CBR | TRAFFIC ESA'S | ROAD CLASS | AC SURFACING (mm) | BASE (mm) | SUB-BASE (mm) | LOWER SUB-BASE (mm) | TOTAL BOX (mm) |
|--------|--------------|-----------------------|--------------------|-------------------|-----------|---------------|---------------------|----------------|
| ROAD 4 | 3 * | 1.2 X 10 ⁵ | LIVING RESIDENTIAL | 25 BCC TYPE 2 | 100 | 100 | 300 | 525 |

* ASSUMED SUBGRADE CBR



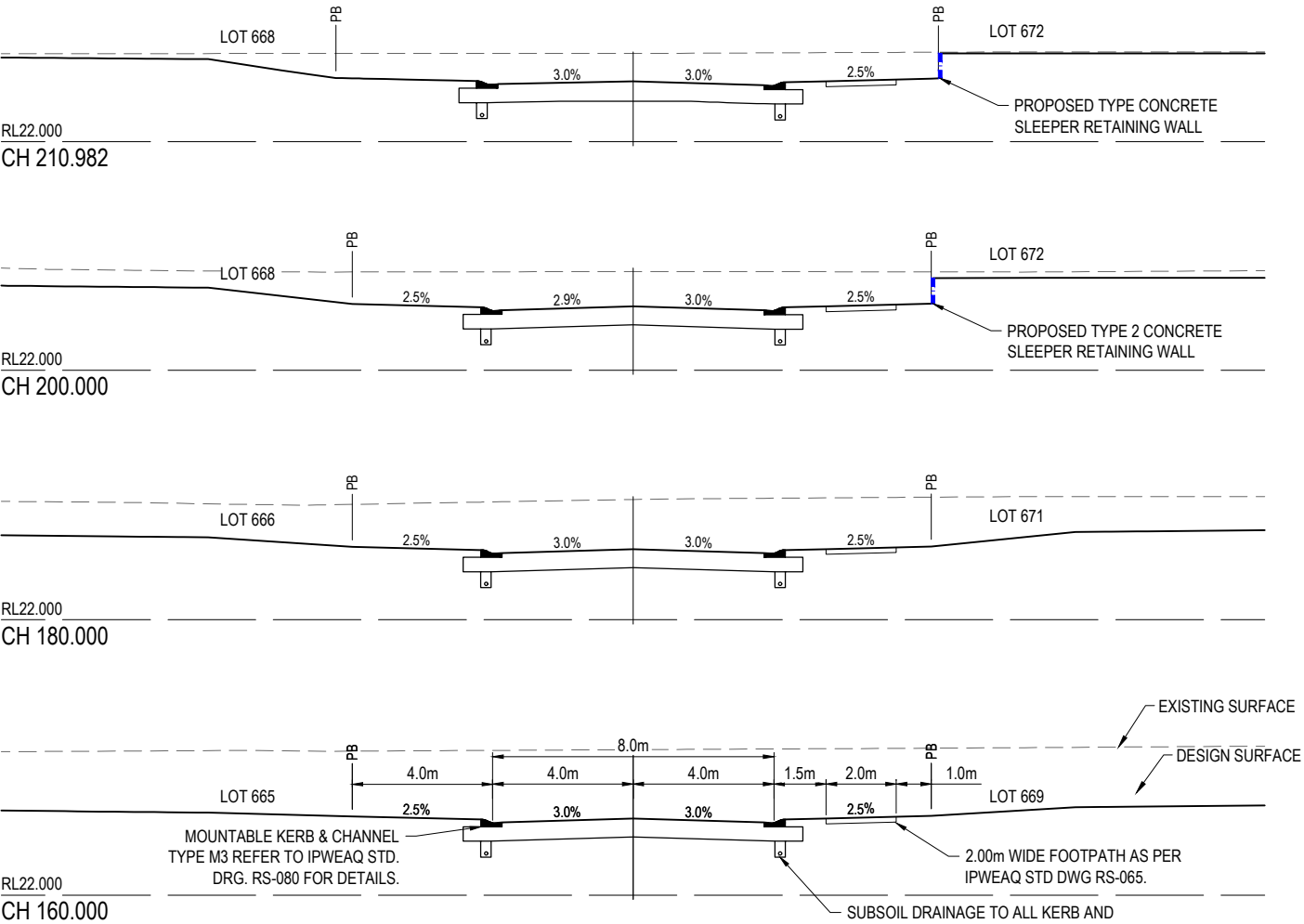
| | | | | | | | | | | | | | |
|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| CUT (-) / FILL | -2.780 | -2.470 | -2.144 | -2.082 | -1.963 | -1.798 | -1.414 | -0.994 | -0.861 | -0.714 | -0.711 | -0.489 | -0.255 |
| LHS LIP LEVEL | 23.933 | 24.053 | 24.087 | 24.084 | 24.228 | 23.997 | 23.899 | 23.707 | 23.659 | | | | |
| RHS LIP LEVEL | 23.933 | 24.053 | 24.087 | 24.084 | 24.228 | 23.997 | 23.899 | 23.705 | 23.627 | | | | |
| DESIGN SURFACE | 24.045 | 24.165 | 24.199 | 24.196 | 24.180 | 24.109 | 24.011 | 23.817 | 23.739 | 23.710 | 23.710 | 23.741 | 23.860 |
| EXISTING SURFACE | 26.824 | 26.635 | 26.343 | 26.277 | 26.143 | 25.906 | 25.426 | 24.810 | 24.600 | 24.424 | 24.421 | 24.230 | 24.116 |
| CHAINAGES | 120.000 | 140.000 | 151.444 | 155.000 | 160.000 | 170.000 | 180.000 | 200.000 | 208.000 | 213.918 | 214.000 | 220.522 | 224.257 |
| HORIZONTAL CURVES | | | | | | | | | | | | | |

ROAD 04 - LONGITUDINAL SECTION

HORIZ SCALE: 500
VERTICAL SCALE: 50



REFER INTERSECTION DETAILS FOR LEVELS



ROAD 04 - CROSS SECTIONS

SCALE 1:100

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS |
|----------|----------|---------------------|-------|--------|--------------|--|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | | FOR APPROVAL |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | | |
| | | | | | DESIGN CHECK | APPROVED |
| | | | | | | RYAN ASHWORTH RPEQ 19674 |
| | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD |

| | | | |
|---|--|--|--|
| DRAWN CHECK | | STATUS | |
|  | | FOR APPROVAL | |
| DESIGN CHECK | | | |
|  | | APPROVED | |
| | | RYAN ASHWORTH RPEQ 19674 | |
| | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | |

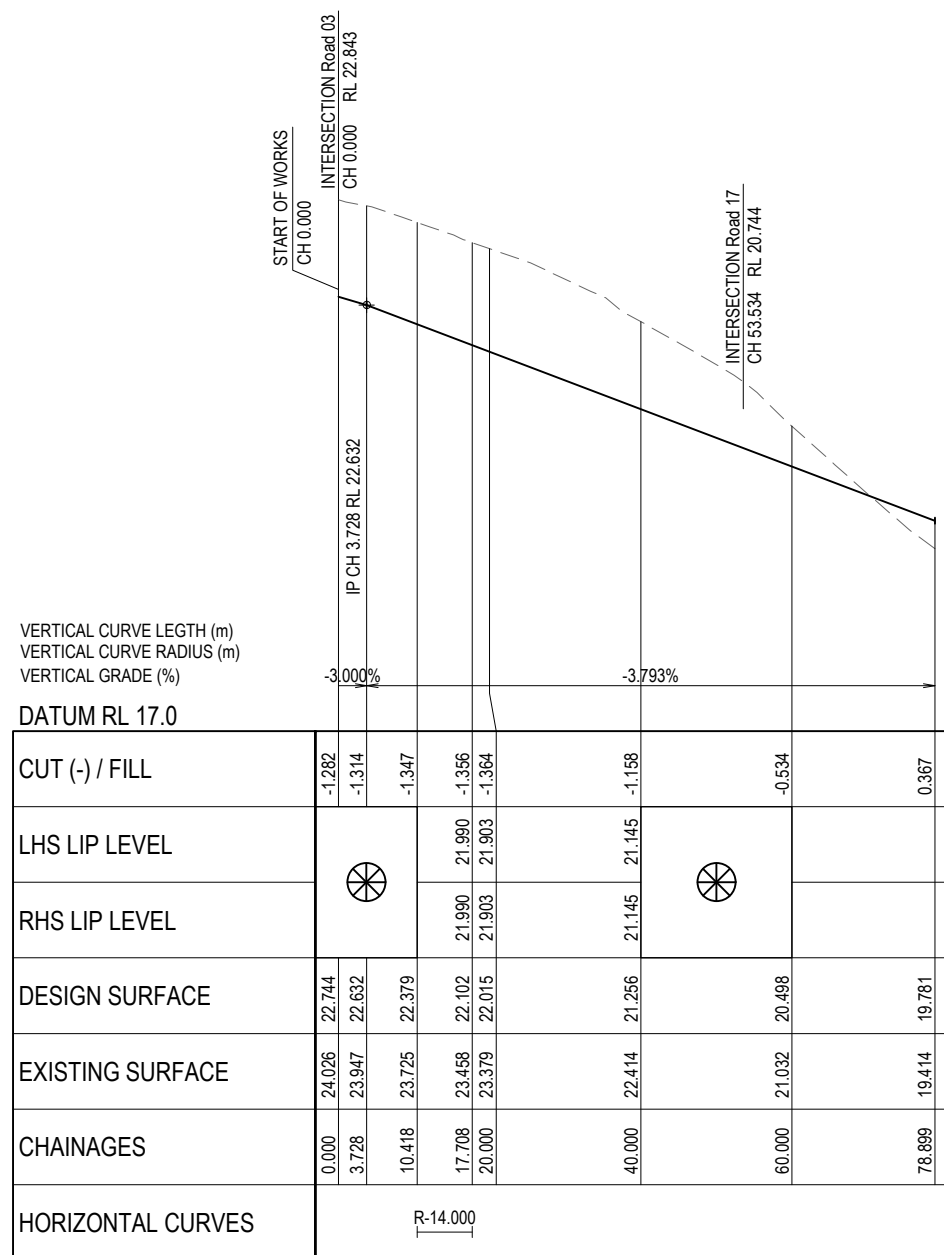
NOTE:

1. PRELIMINARY PAVEMENT DESIGNS HAVE BEEN BASED ON AN ASSUMED SUBGRADE CBR. ACTUAL PAVEMENT DESIGNS WILL BE BASED ON TEST RESULTS TAKEN AFTER STRIPPING HAS BEEN COMPLETED.
2. WHEN THE TOTAL PAVEMENT DEPTH (AS DETERMINED BY SUBGRADE TESTS) EXCEEDS THE NORMAL DEPTH, THE PAVEMENT GRAVEL SHALL EXTEND UNDER THE KERB AND CHANNEL TO 150mm BEHIND (TYP).

PRELIMINARY ROAD 16 PAVEMENT DESIGN

| ROAD | SUBGRADE CBR | TRAFFIC ESA'S | ROAD CLASS | AC SURFACING (mm) | BASE (mm) | SUB-BASE (mm) | LOWER SUB-BASE (mm) | TOTAL BOX (mm) |
|---------|-----------------|-----------------------|--------------------|-------------------|--------------|------------------|------------------------|-------------------|
| ROAD 16 | 3 * | 1.2 X 10 ⁵ | LIVING RESIDENTIAL | 25 BCC TYPE 2 | 100 | 100 | 300 | 525 |

* ASSUMED SUBGRADE CBR

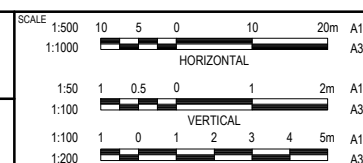


ROAD 16 - LONGITUDINAL SECTION

HORIZ SCALE: 500
VERTICAL SCALE: 50



REFER INTERSECTION DETAILS FOR LEVELS



| | |
|--|--------|
| | CLIENT |
|--|--------|

FOREVERLEN PTY LTD



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www.eqis-group.com

| | |
|--|---------|
| | PROJECT |
|--|---------|



STAGE 23

DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR
CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

DRAWING TITLE

ROAD 16 LONGITUDINAL AND CROSS SECTIONS

PROJECT No.
22_000082 23

DRAWING No.
1343

| | |
|----------|---|
| REVISION | D |
|----------|---|

Approved Subject to Conditions of Decision Notice DA/2023/3497

24/10/2023

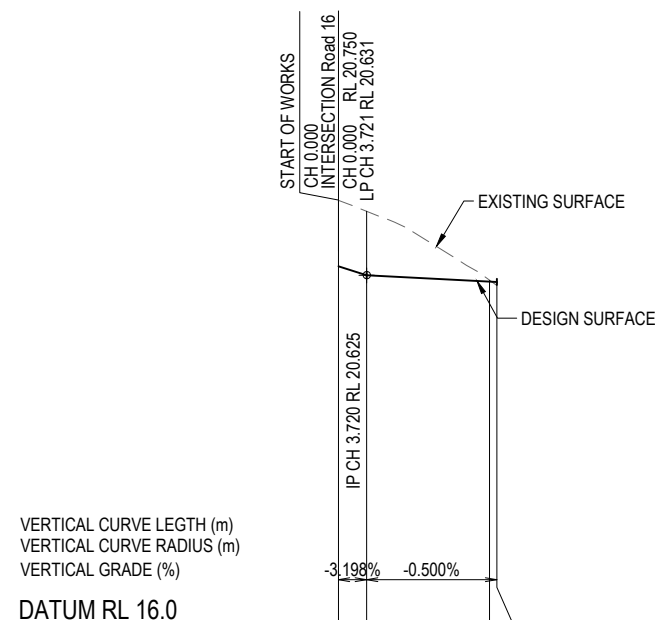
NOTE:


1. PRELIMINARY PAVEMENT DESIGNS HAVE BEEN BASED ON AN ASSUMED SUBGRADE CBR. ACTUAL PAVEMENT DESIGNS WILL BE BASED ON TEST RESULTS TAKEN AFTER STRIPPING HAS BEEN COMPLETED.
2. WHEN THE TOTAL PAVEMENT DEPTH (AS DETERMINED BY SUBGRADE TESTS) EXCEEDS THE NORMAL DEPTH, THE PAVEMENT GRAVEL SHALL EXTEND UNDER THE KERB AND CHANNEL TO 150mm BEHIND (TYP).

PRELIMINARY ROAD 17 PAVEMENT DESIGN

| ROAD | SUBGRADE CBR | TRAFFIC ESA'S | ROAD CLASS | AC SURFACING (mm) | BASE (mm) | SUB-BASE (mm) | LOWER SUB-BASE (mm) | TOTAL BOX (mm) |
|---------|-----------------|-----------------------|--------------------|-------------------|--------------|------------------|------------------------|-------------------|
| ROAD 17 | 3 * | 1.2 X 10 ⁵ | LIVING RESIDENTIAL | 25 BCC TYPE 2 | 100 | 100 | 300 | 525 |

* ASSUMED SUBGRADE CBR



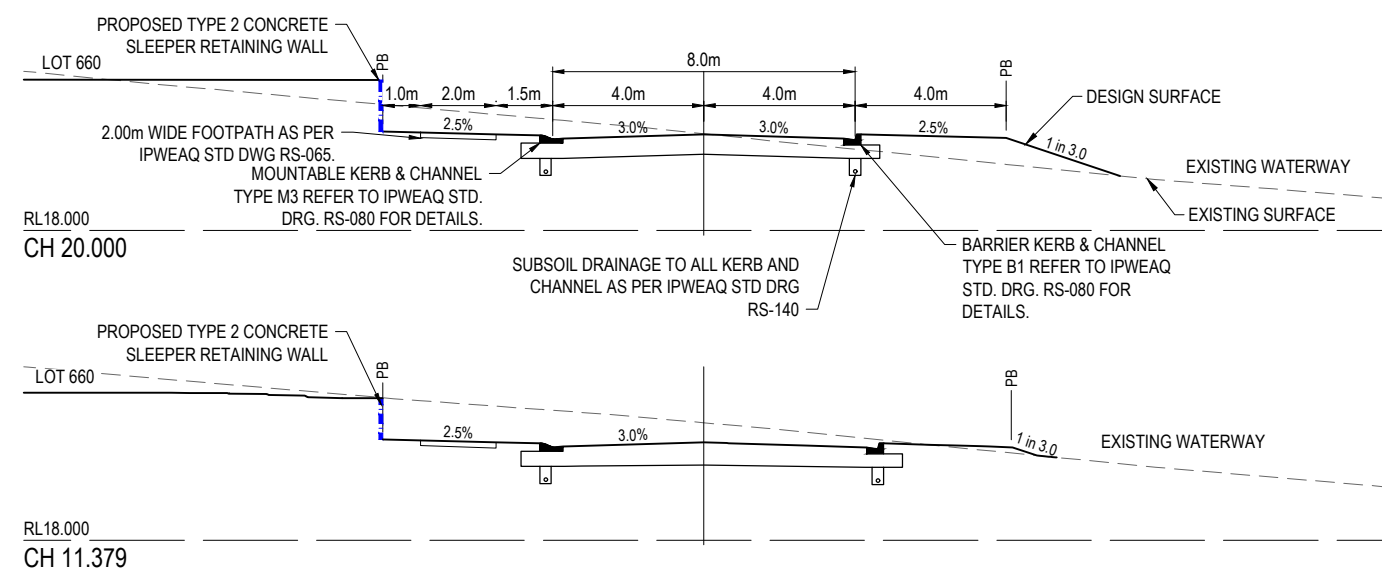
| DATA FORM RE 10.0 | | | | |
|-------------------|---|--------|--------|--------|
| CUT (-) / FILL | -0.875 | -0.849 | -0.017 | 0.049 |
| LHS LIP LEVEL |  | | 20.431 | |
| RHS LIP LEVEL | | | 20.432 | |
| DESIGN SURFACE | 20.744 | 20.625 | 20.543 | 20.539 |
| EXISTING SURFACE | 21.619 | 21.474 | 20.560 | 20.490 |
| CHAINAGES | 0.000 | 3.720 | 20.000 | 20.938 |
| HORIZONTAL CURVES | | | | |

ROAD 17 - LONGITUDINAL SECTION

HORIZ SCALE: 500
VERTICAL SCALE: 50



REFER INTERSECTION DETAILS FOR LEVELS



ROAD 17 - CROSS SECTIONS

SCALE 1:100

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|---------------------|-------|--------|--------------|--|-------------------------|--------------------|----------|---|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | 1:500 10 5 0 10 20m A1 | FOREVERLEN PTY LTD | egis | ROAD 17 LONGITUDINAL AND CROSS SECTIONS |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | | | 1:1000 | | | |
| | | | | | DESIGN CHECK | APPROVED RYAN ASHWORTH RPEQ 19674 | 1:50 1 0.5 0 1 2m A1 | LENNIUM GROUP | STAGE 23 | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. |
| | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | 1:100 1 0 1 2 3 4 5m A3 | | | |
| | | | | | | | 1:200 | | | |

Approved Subject to Conditions of Decision Notice DA/2023/3497

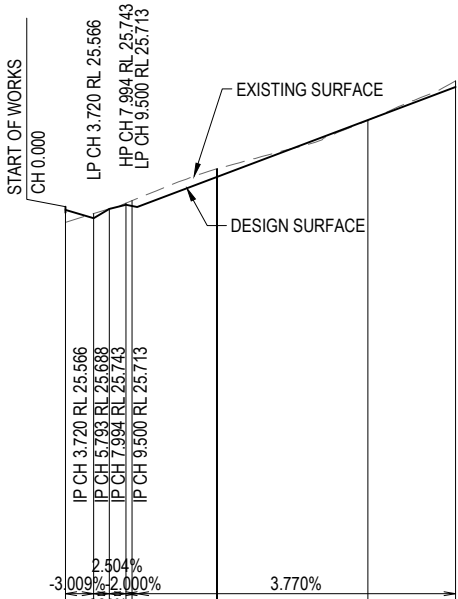
24/10/2023

PAVEMENT NOTE:

1. DRIVEWAY TO BE 175mm THICK N32 CONCRETE WITH SL92 MESH ON 150mm BASE TYPE 2.1. FINISH PER LANDSCAPE SPECIFICATION.

NOTE:

1. PRELIMINARY PAVEMENT DESIGNS HAVE BEEN BASED ON AN ASSUMED SUBGRADE CBR. ACTUAL PAVEMENT DESIGNS WILL BE BASED ON TEST RESULTS TAKEN AFTER STRIPPING HAS BEEN COMPLETED.
2. WHEN THE TOTAL PAVEMENT DEPTH (AS DETERMINED BY SUBGRADE TESTS) EXCEEDS THE NORMAL DEPTH, THE PAVEMENT GRAVEL SHALL EXTEND UNDER THE KERB AND CHANNEL TO 150mm BEHIND (TYP).



VERTICAL CURVE LEGTH (m)
VERTICAL CURVE RADIUS (m)
VERTICAL GRADE (%)

DATUM RL 20.0

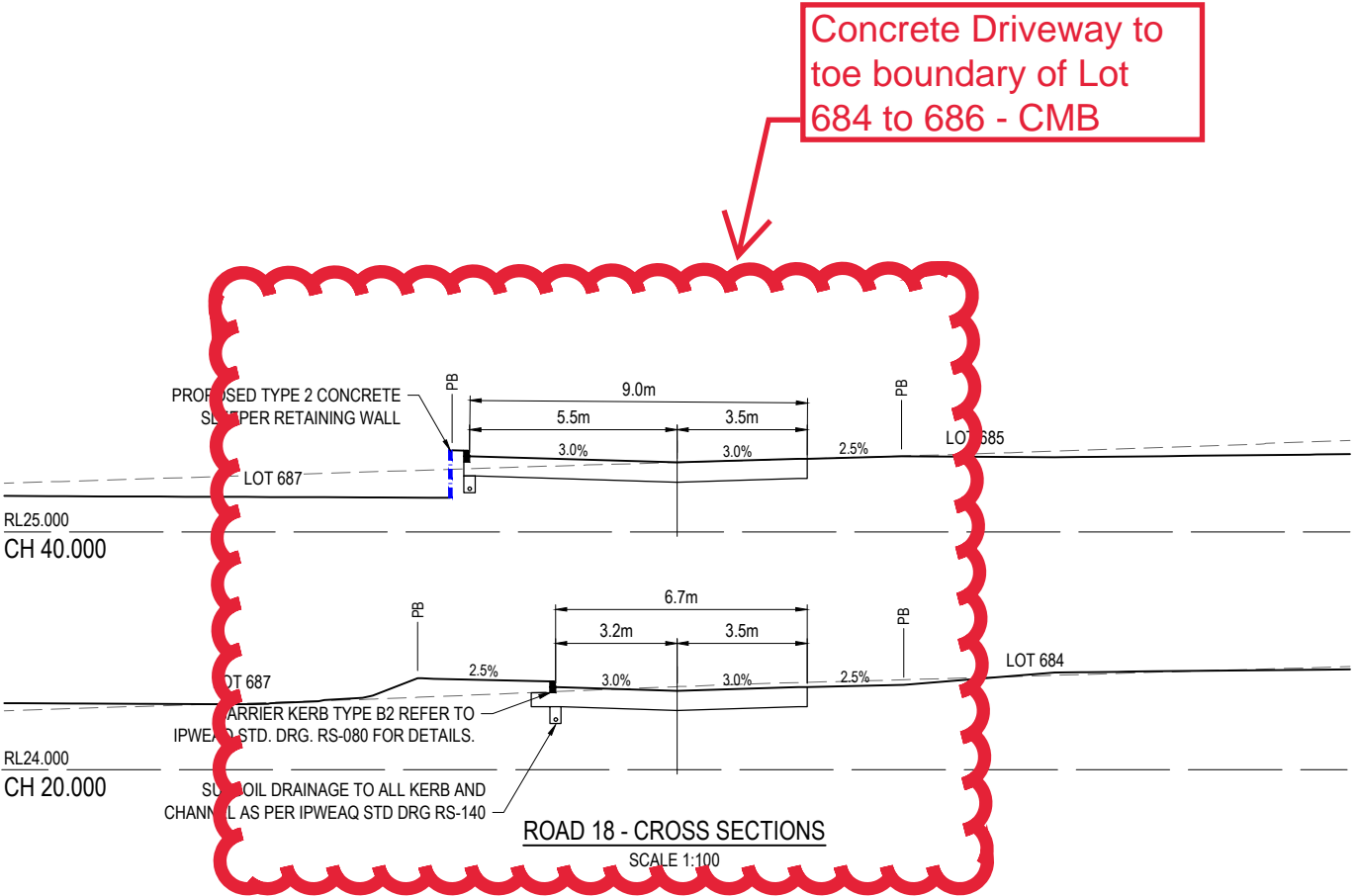
| | | | | | | | | | | |
|-------------------|-------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| CUT (-) / FILL | 0.165 | -0.220 | -0.002 | -0.023 | -0.073 | -0.115 | -0.111 | -0.109 | 0.003 | -0.081 |
| LHS LIP LEVEL | | | | | 25.824 | 25.810 | 26.206 | 26.211 | 27.029 | |
| RHS LIP LEVEL | | | | | 25.824 | 25.810 | 26.206 | 26.211 | 26.960 | |
| DESIGN SURFACE | 25.678 | 25.566 | 25.688 | 25.743 | 25.727 | 25.810 | 26.109 | 26.113 | 26.863 | 27.300 |
| EXISTING SURFACE | 25.513 | 25.626 | 25.690 | 25.766 | 25.799 | 25.827 | 26.219 | 26.223 | 26.860 | 27.381 |
| CHAINAGES | 0.000 | 3.720 | 5.793 | 7.994 | 8.813 | 9.500 | 20.000 | 20.125 | 40.000 | 51.602 |
| HORIZONTAL CURVES | R-20.000 R406.100 | | | | | | | | | |

ROAD 18 - LONGITUDINAL SECTION

HORIZ SCALE: 500
VERTICAL SCALE: 50

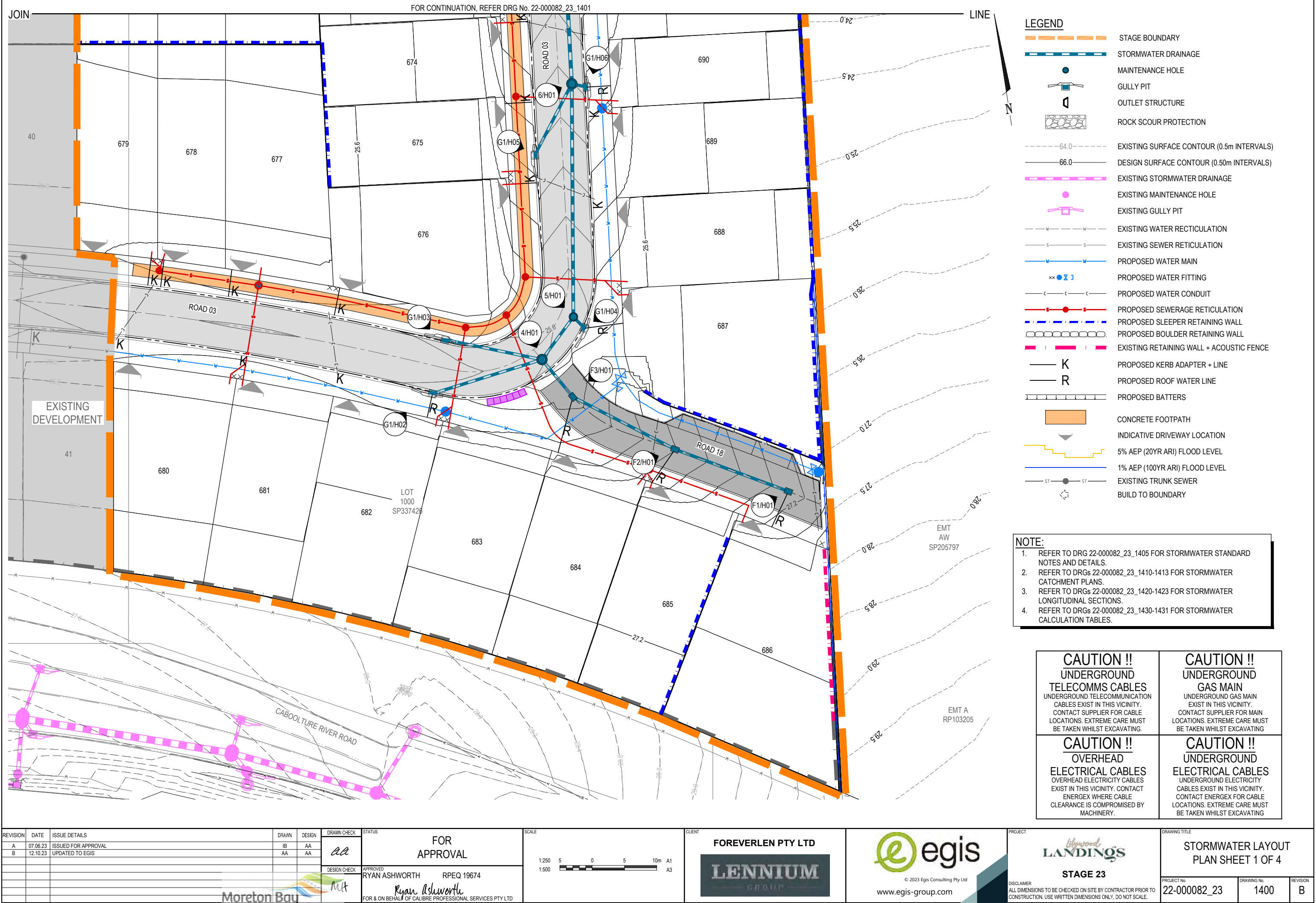


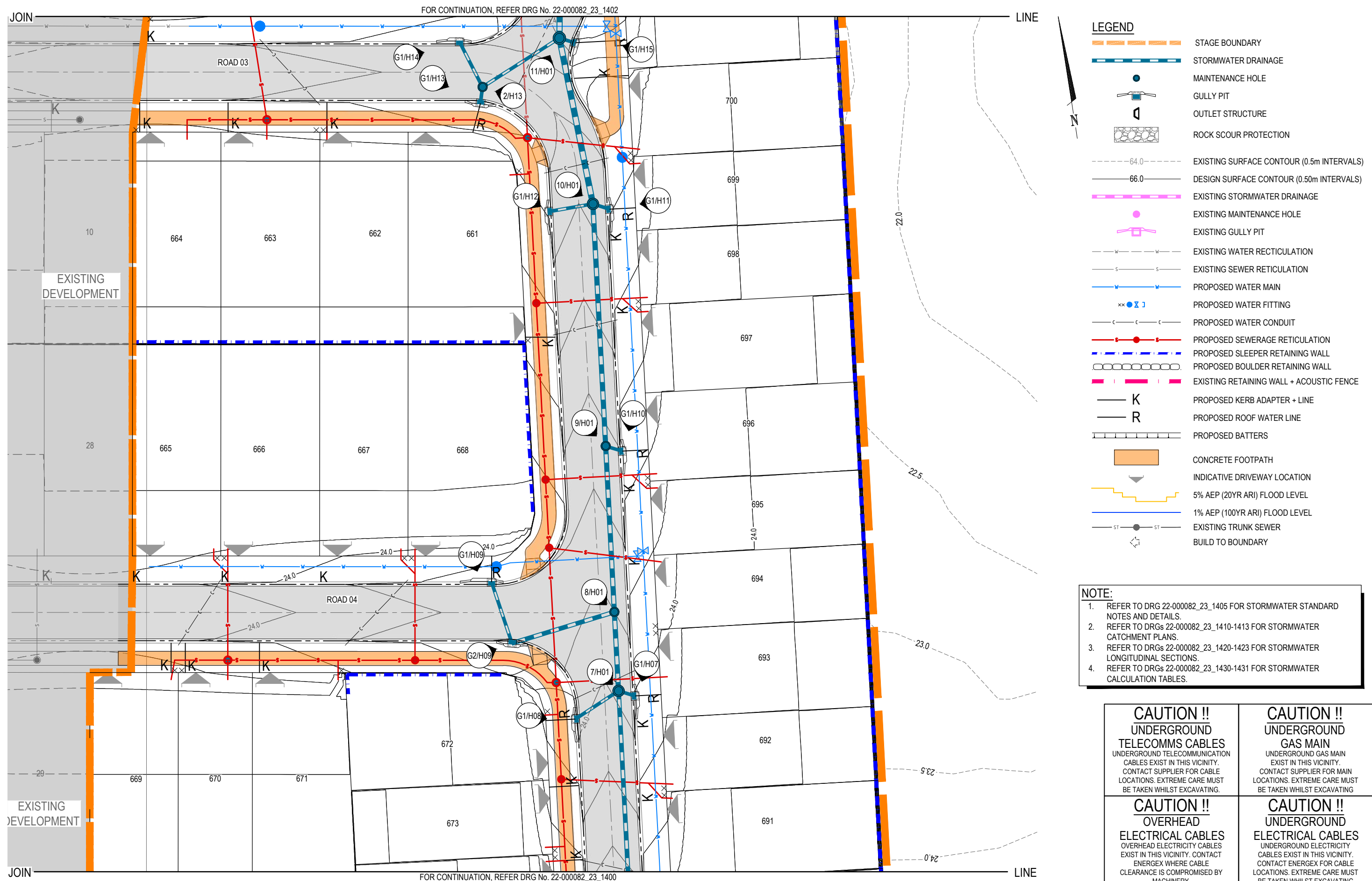
REFER INTERSECTION DETAILS FOR LEVELS



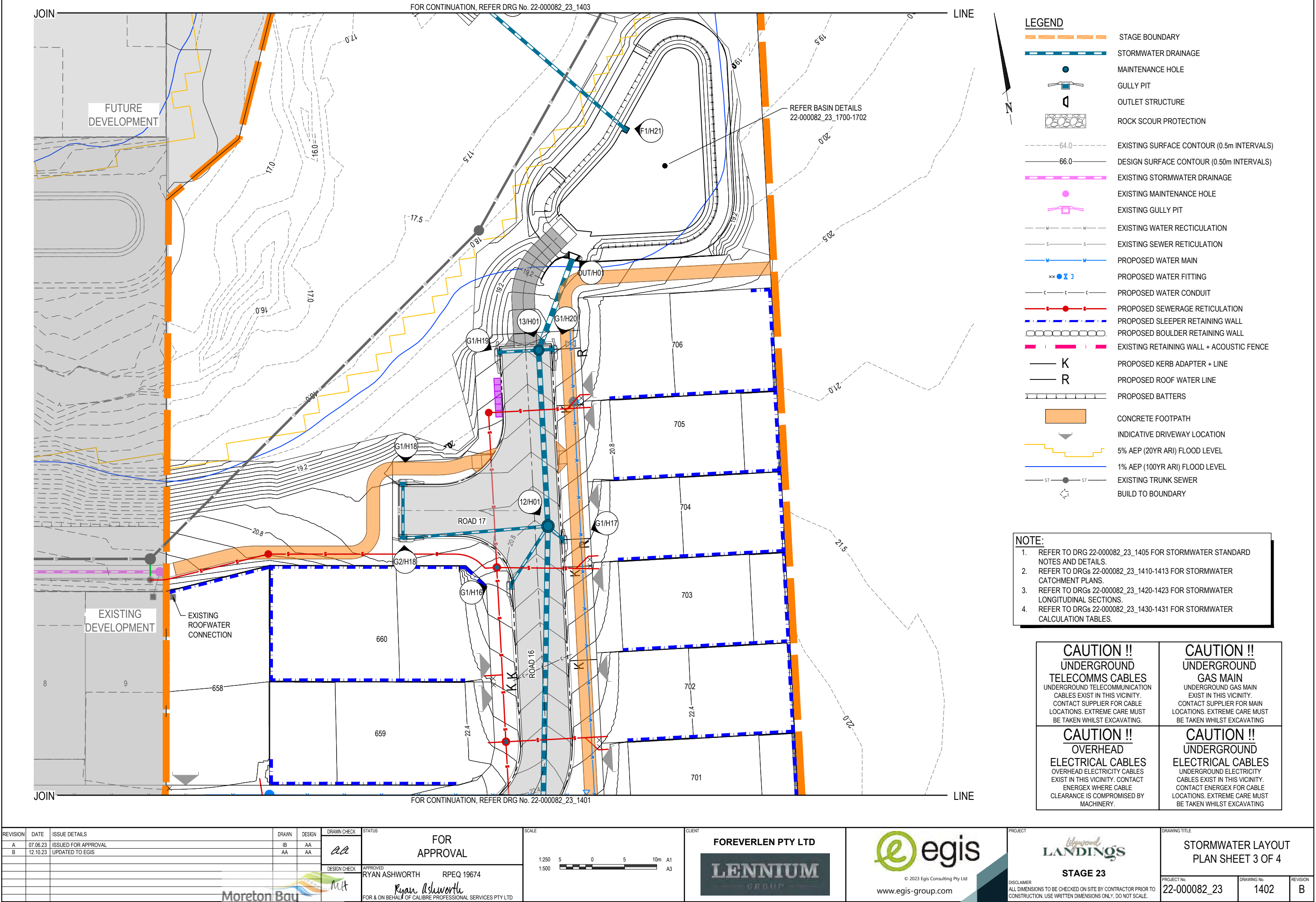
Concrete Driveway to
toe boundary of Lot
684 to 686 - CMB



| | | | | | | | | | | |
|----------|----------|---------------------|-------|--------|-------------|--|--|--------------------|----------|---|
| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | 1:500 1:1000 | FOREVERLEN PTY LTD | egis | ROAD 18 LONGITUDINAL AND CROSS SECTIONS |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | mt | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | 1:50 1:100 1:200 | LENNIUM GROUP | LANDINGS | STAGE 23 |
| | | | | | | | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | | | |
| | | | | | | | PROJECT No. 22-000082_23 DRAWING No. 1345 REVISION B | | | |





| | | | | | | | | | | |
|----------|----------|---------------------|-------|--------|--------------|--|--------------------|--------------------|--|--------------------------|
| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | AA | FOR APPROVAL | 1:250 5 0 5 10m A1 | FOREVERLEN PTY LTD | egis | STORMWATER LAYOUT |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | AA | FOR APPROVAL | 1:500 5 0 5 10m A3 | LENNIUM GROUP | egis | PLAN SHEET 2 OF 4 |
| | | | | | DESIGN CHECK | APPROVED RYAN ASHWORTH RPEQ 19674 | | | © 2023 Egis Consulting Pty Ltd | PROJECT No. 22-000082_23 |
| | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | www.egis-group.com | DRAWING No. 1401 |
| | | | | | | | | | DISCLAIMER | REVISION B |
| | | | | | | | | | ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | |



| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE | | | | | |
|----------|----------|---------------------|-------|--------|--------------|---|---|--------------------|--|-----------------------|----------|--|--|--|--|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | aa | FOR APPROVAL | <div>1:250 5 0 5 10m A1</div> <div>1:500 A3</div> | FOREVERLEN PTY LTD | <div></div> <div>© 2023 Egis Consulting Pty Ltd</div> <div>www.egis-group.com</div> | Lillywood LANDINGS | STAGE 23 | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY; DO NOT SCALE. | STORMWATER LAYOUT PLAN SHEET 4 OF 4 | | |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | DESIGN CHECK | APPROVED | | | | | | | | | |
| | | | | | | RYAN ASHWORTH | RPEQ 19674 | | | | | | | | |
| | | | | | |  | | | | | | | | | |
| | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | | | | | | |

STORMWATER DRAINAGE NOTES

1. ALL WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH CURRENT M.B.R.C STANDARD DRAWINGS AND METHODS.
2. ALL STORMWATER PIPES UNDER ROADWAYS AND FOOTPATHS SHALL BE RCP CLASS 3 U.N.O.
3. ALL STORMWATER PIPES UP TO AND INCLUDING 600Ø SHALL BE R.R.J. STORMWATER PIPES GREATER THAN 600Ø SHALL BE INTERNAL FLUSH JOINTED WITH PROPRIETARY EXTERNAL BAND.
4. STEPIRONS ARE TO BE PROVIDED IN STORMWATER MANHOLES AND GULLIES GREATER THAN 1.20m DEEP, IN ACCORDANCE WITH M.B.R.C STD. DRG. SD.10.
5. ALL DIMENSIONS ARE IN METRES UNLESS SHOWN OTHERWISE.
6. CONTRACTOR TO LIAISE WITH ALL RELEVANT SERVICE AUTHORITIES TO ASCERTAIN SERVICES PRESENT ON-SITE. ANY ALTERATION WORKS TO SERVICES WILL BE CARRIED OUT BY THAT SERVICE AUTHORITY ONLY.
7. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT PRIOR TO COMMENCEMENT OF DEMOLISHING ANY EXISTING STRUCTURES WITHIN THE SITE AREAS.
8. THE STORMWATER PIPE CLASSES HAVE BE DESIGNED FOR SERVICE LOADS ONLY, AND THE CONTRACTOR SHALL ASSESS ANTICIPATED CONSTRUCTION LOADS AND UPGRADE THE PIPE CLASSES IF NECESSARY, IN ACCORDANCE WITH AS3725-2007.
9. RETAINING WALL SUBSOIL DRAINS TO CONNECT TO KERB AND CHANNEL SUBSOIL OR STORMWATER DRAINAGE STRUCTURES.
10. WORKS SHALL BE PROGRAMMED SO AS NOT TO DISTURB NEARBY HOUSEHOLDERS EITHER BY DUST, NOISE, FLOODING OR DISCONNECTION OF SERVICES.
11. ALL CONSTRUCTION ACTIVITIES SHALL COMPLY WITH WORKPLACE HEALTH AND SAFETY REQUIREMENTS.
12. ANTI PONDING GULLIES ARE TO BE SIDE ENTRY TYPE. CHAMBER AND GRATE ONLY TYPE NOT TO BE USED.
13. GULLY PITS IN EXCESS OF 1.5 METRES DEEP ARE TO BE CONSTRUCTED AS A GULLY PIT/ACCESS CHAMBER STRUCTURE.
14. CRACKS IN STORMWATER PIPES WILL NOT BE ACCEPTED.
15. LEVELS AND GRADIENTS AT JUNCTIONS WITH EXISTING WORKS MAY BE VARIED AS REQUIRED TO ACHIEVE A SATISFACTORY CONNECTION AND THE CONTRACTOR SHALL INCLUDE THE COST OF THIS WORK IN THE TENDER PRICE. WHERE NEW WORK JOINS EXISTING, THE WORK SHALL TRANSITION NEATLY WITH THE PAVEMENT SO THAT DEVIATION FROM THE LINE OF A 3.0m STRAIGHT EDGE SHALL BE NO GREATER THAN 10mm.
16. CONDUITS SHALL BE IN ACCORDANCE WITH I.P.W.E.A STD. DRG. RS-101.
17. ALL EXCAVATION AND FILLING SHALL BE COMPACTED TO THE REQUIREMENTS OF AS3798-2007 IN ACCORDANCE WITH THE LOCAL AUTHORITY REQUIREMENTS.
18. ALL LEVELS ARE IN METRES ABOVE AUSTRALIAN HEIGHTS DATUM (mAHD) UNLESS OTHERWISE SHOWN

KERB ADAPTORS NOTES

ALL LOTS NOT DRAINING TO A PROPERTY PIT TO HAVE 2 KERB ADAPTORS . KERB ADAPTORS SHOWN ARE INDICATIVE ONLY AND ARE TO BE INSTALLED IN ACCORDANCE WITH IPWEA STD DRG RS-081.


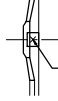

NOTE:
NOTWITHSTANDING THAT EXISTING SERVICES MAY OR MAY NOT BE SHOWN ON THE JOB DRAWINGS, NO RESPONSIBILITY IS TAKEN BY THE SUPERINTENDENT OR THE PRINCIPAL FOR THIS INFORMATION WHICH HAS BEEN SUPPLIED BY OTHERS. THE DETAILS ARE PROVIDED FOR INFORMATION ONLY. THE CONTRACTOR SHALL ASCERTAIN THE POSITION OF ANY UNDERGROUND SERVICES IN THIS AREA AND SHALL BE RESPONSIBLE FOR MAKING GOOD ANY DAMAGE THERETO.

SCOUR PROTECTION NOTES:

1. IF ROCK SIZE IS SPECIFIED ON THE PLAN AS D₅₀ THIS CORRESPONDS TO A ROCK SIZE WITH A MEDIAN ROCK DIAMETER OF D₅₀. A VARIANCE OF ±30% IS ACCEPTABLE. Eg. IF D₅₀ = 600 IS SPECIFIED THEN THE EQUIVALENT ROCK DIAMETER RANGES FROM 420mm TO 780mm.
2. NEITHER BREADTH NOR THICKNESS OF A SINGLE ROCK SHALL BE LESS THAN ONE HALF ITS LENGTH (ie THE ROCK SHALL BE CHUNKY RATHER THAN FLAT).
3. ROCK TYPE - BASALT OR OTHER APPROVED MATERIAL. TO BE CONFIRMED WITH SUPERINTENDENT BEFORE COMMENCING ROCK WORK.
4. ROCKS GREATER THAN D₅₀=450 TO BE PLACED AND INTERLOCKED INTO POSITION AND BUILT UP TO FINAL LEVELS SHOWN, ENSURING COVERAGE OF GEOFABRIC. GAPS BETWEEN THE BOULDERS ARE TO BE FILLED BY DROPPING STONES INTO GAPS AND LOCKING INTO POSITION WITH A CROWBAR.
5. ROCKS LESS THAN & EQUAL TO D₅₀=450 TO BE DUMPED & MOVED INTO POSITION. BUILD UP TO FINAL LEVELS & ENSURING COVERAGE OF GEOFABRIC.

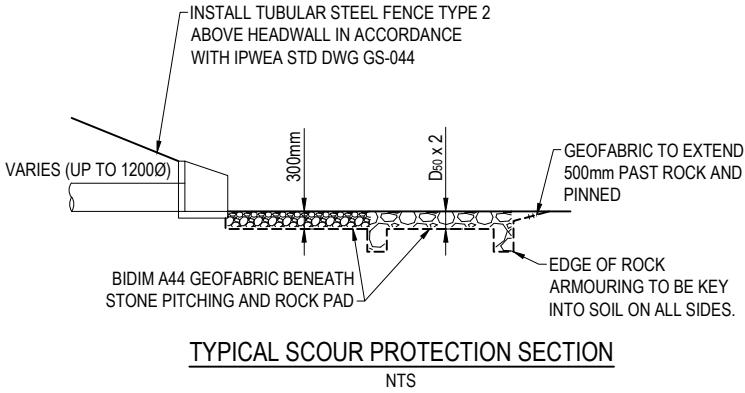
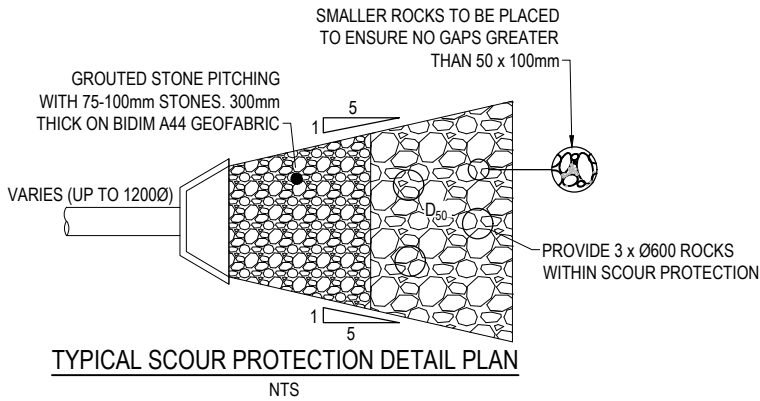
REFERENCE POINT LOCATION FOR DRAINAGE

STRUCTURES

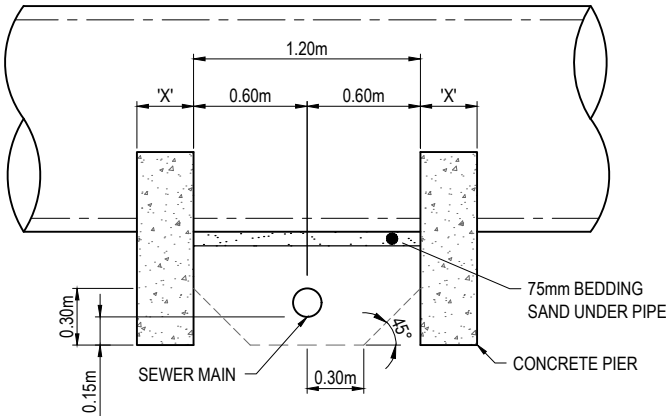
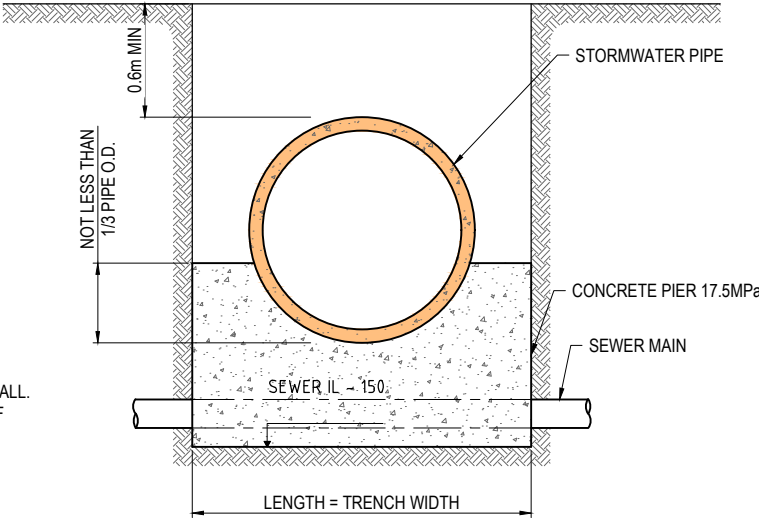
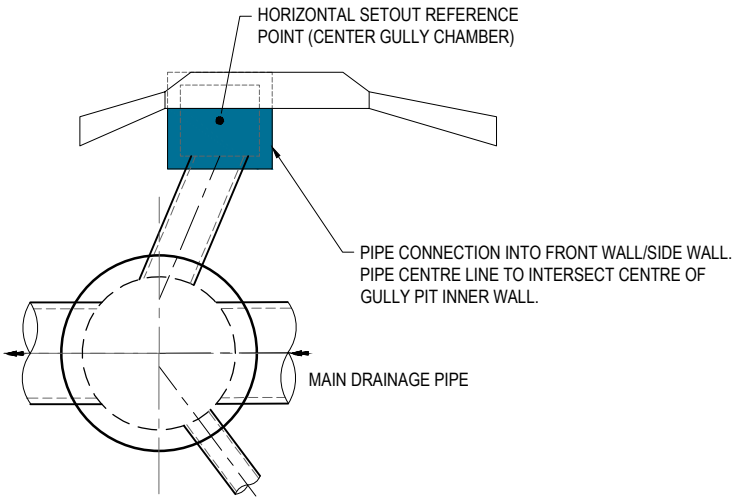
| STRUCTURE TYPE | HORIZONTAL CONTROL (REFERENCE POINT LOCATION) | VERTICAL CONTROL (REFERENCE LEVEL) |
|----------------|---|--|
| MANHOLE |  | ℄ OF MAIN SHAFT FINISHED SURFACE LEVEL |
| GULLY PIT |  | GEOMETRIC CENTRE OF PIT STRUCTURE KERB LIP LEVEL |
| HEADWALL |  | INTERSECTION OF HEADWALL FACE AND PIPE ℄ INVERT OF HEADWALL |

ROCK SCOUR PROTECTION

| OUTLET | OUTLET PIPE SIZE | VELOCITY | D ₅₀ | 'L' |
|---------|------------------|----------|-----------------|------|
| OUT/H21 | Ø 450 | 2.06m/s | 300 mm | 5.0m |

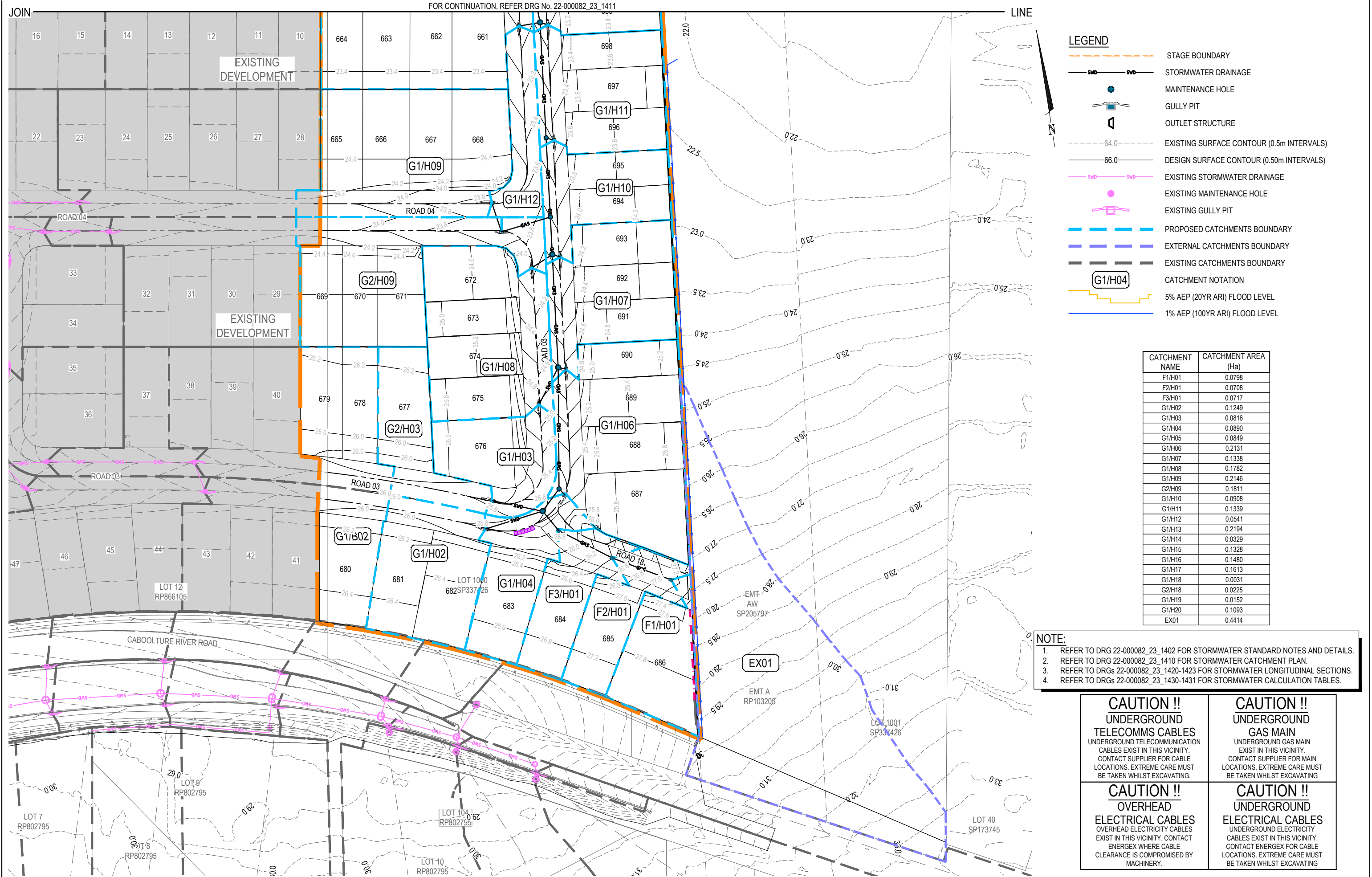


NOTE:
CONTRACTOR TO ENSURE PIPE CONNECTORS TO GULLY PITS ARE NOT CONSTRUCTED INTO THE CORNER OF TWO WALLS.



| PIPE SIZE | X = WIDTH OF CONCRETE PIERS (mm) | |
|---------------|--------------------------------------|--|
| | FIRM/STIFF CLAY SAFE BEARING >150kPa | STIFF/VERY STIFF CLAY SAFE BEARING >200kPa |
| 600Ø - 1050Ø | 600 | 450 |
| 1200Ø - 2100Ø | 450 | 350 |

NOTE:
GROUND CONDITIONS TO BE VERIFIED ON-SITE BY SUPERINTENDENT. IF LESSER GROUND CONDITIONS PREVAIL, SPECIALLY DESIGNED DRILLED PIERS ARE TO BE CONSIDERED.



| REVISION | DATE | ISSUE DETAILS |
|----------|----------|---------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL |
| B | 12.10.23 | UPDATED TO EGIS |

DRAWN

DESIGN

AA

AA

FOR APPROVAL

APPROVED

RYAN ASHWORTH

RPEQ 19674

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CLIENT

FOREVERLEN PTY LTD

LENNIUM GROUP

egis

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PROJECT

LANDINGS

STAGE 23

DISCLAIMER

ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

DRAWING TITLE

STORMWATER CATCHMENT PLAN SHEET 1 OF 2

PROJECT No.

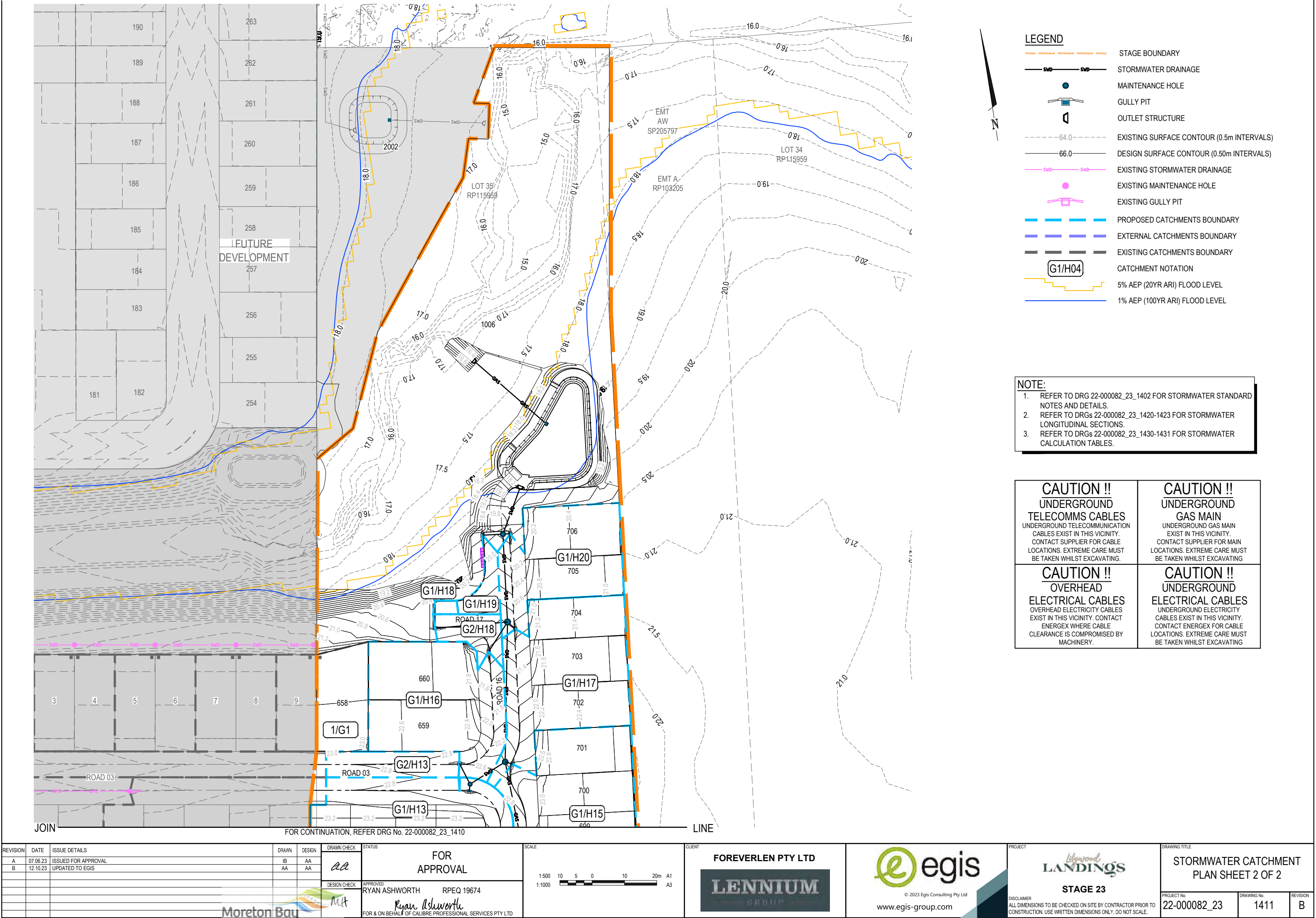
22-000082_23

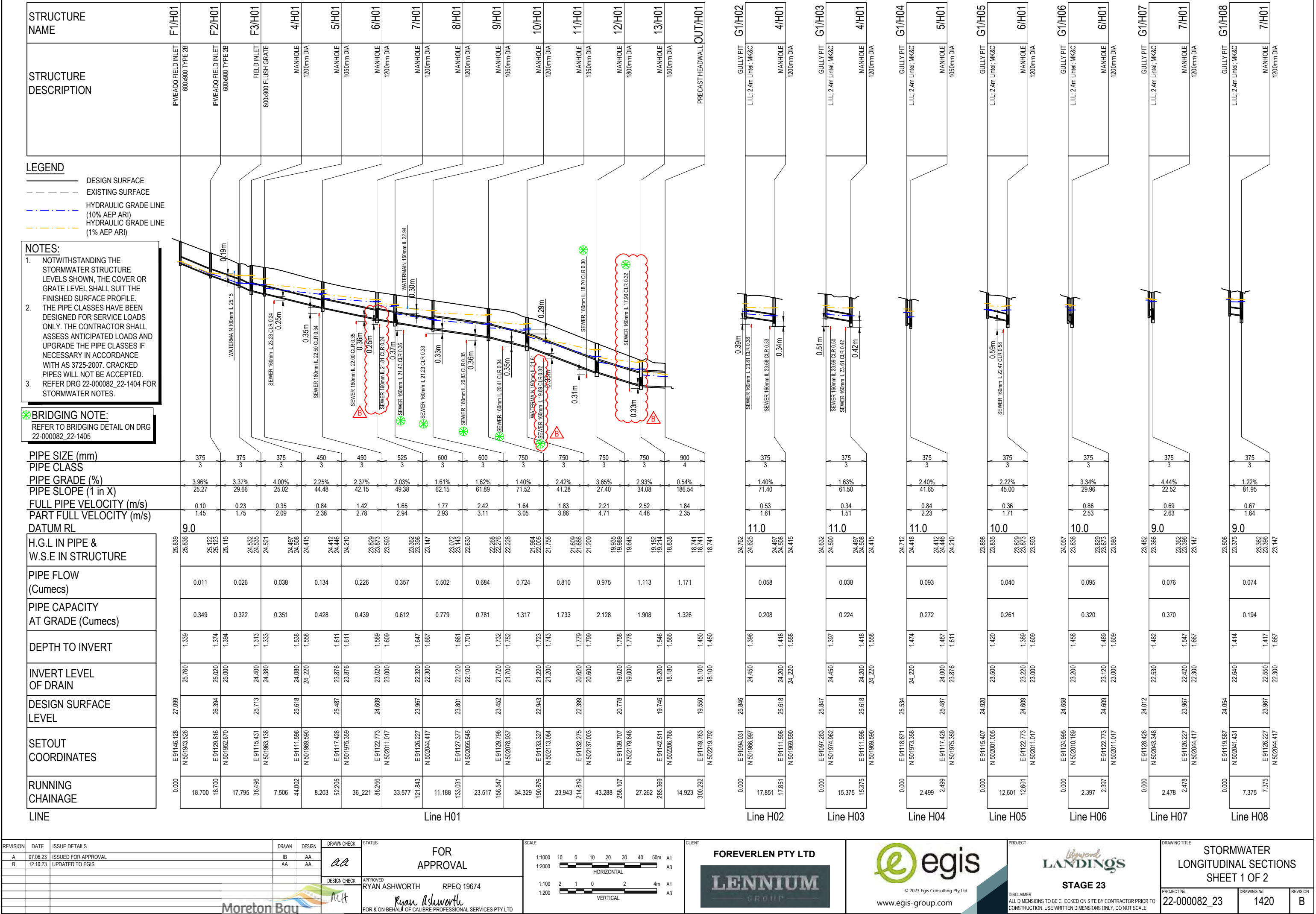
DRAWING No.

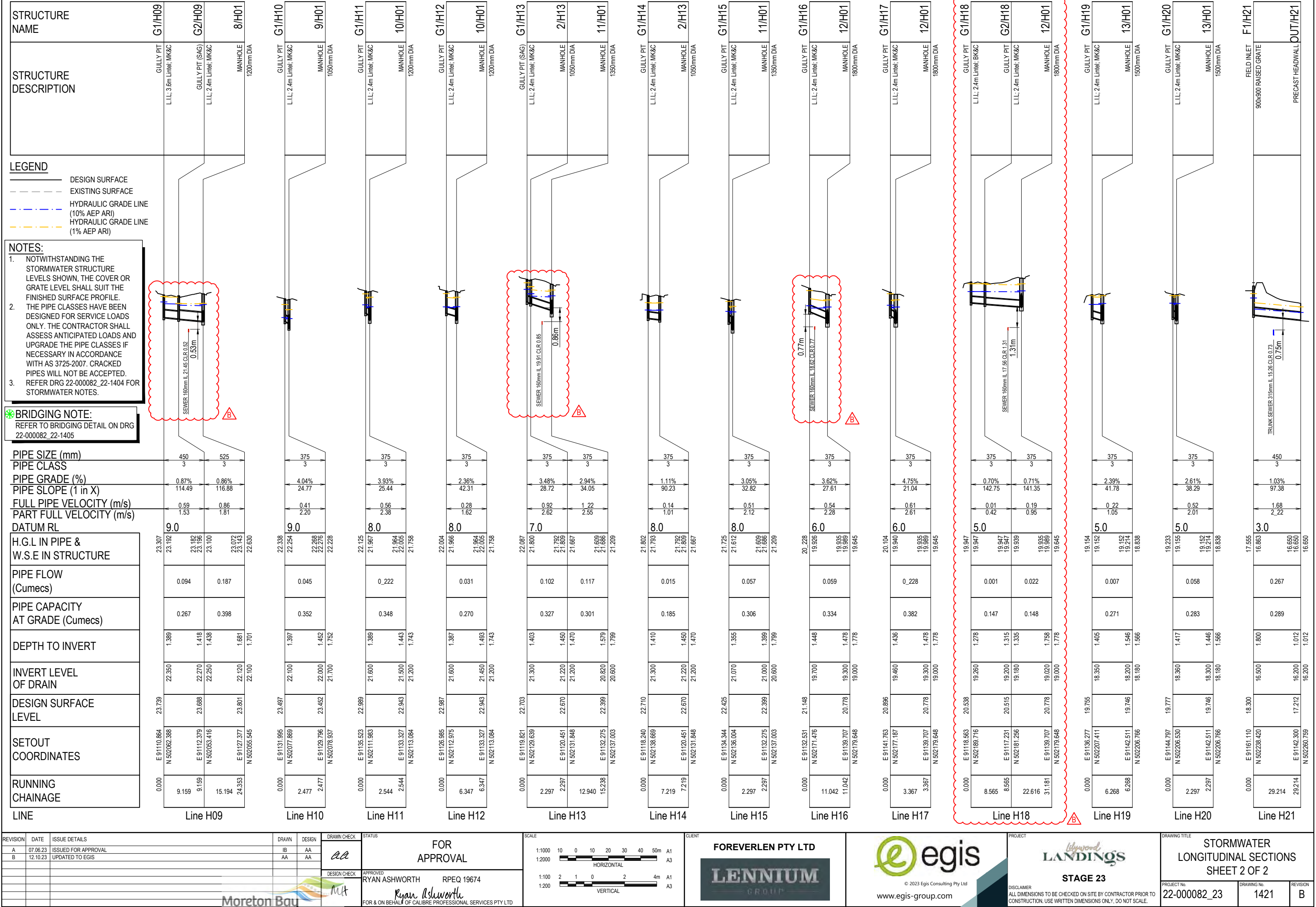
1410

REVISION

B









Moreton Bay
Regional Council

Approved Subject to Conditions of Decision Notice DA/2023/3497


CLIENT

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LENNIUM
GROUP



PROJECT

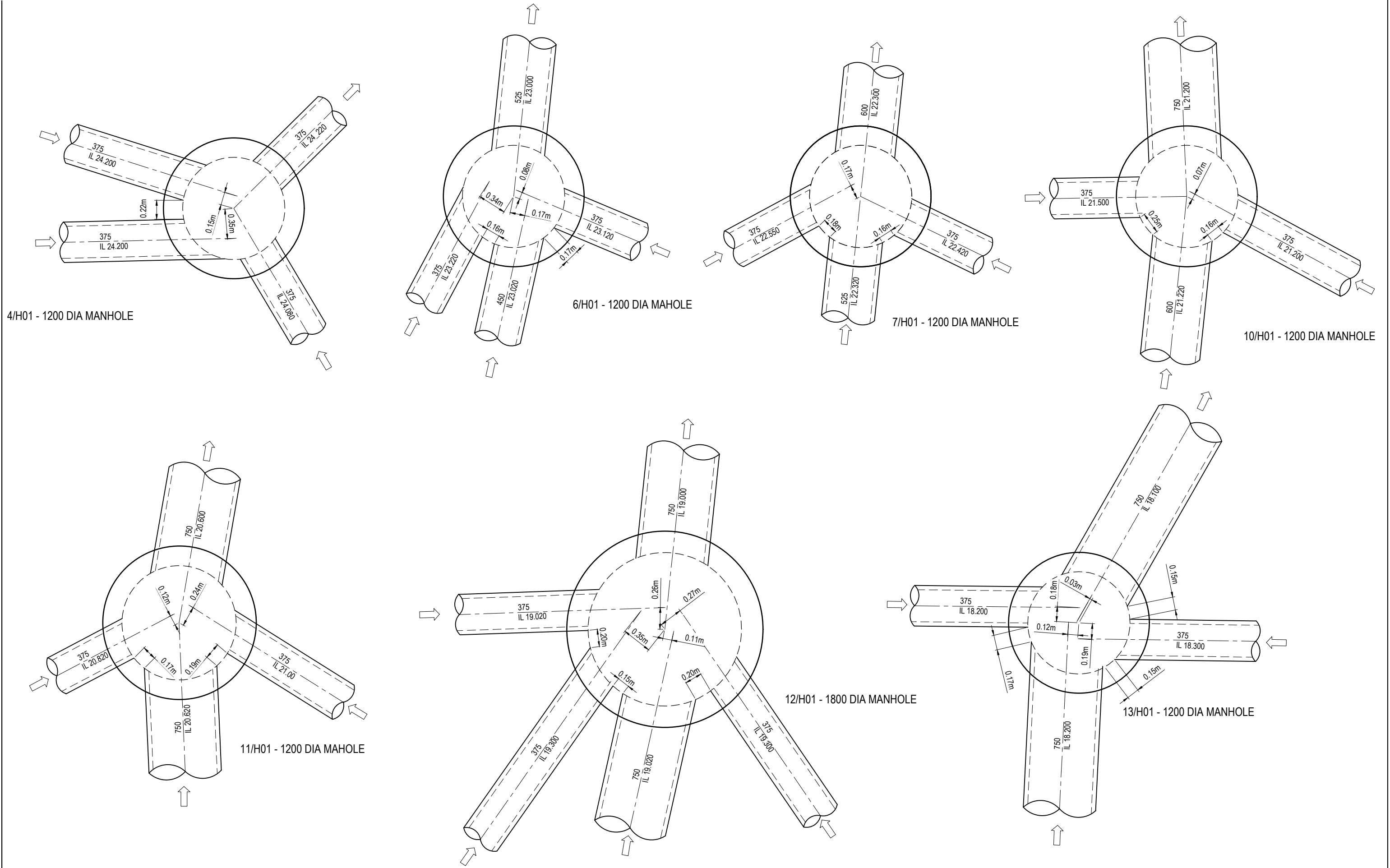
The logo for Lilywood Landings features the word "lilywood" in a brown, cursive script font, with "landings" in a dark green, serif font below it.



STAGE 23

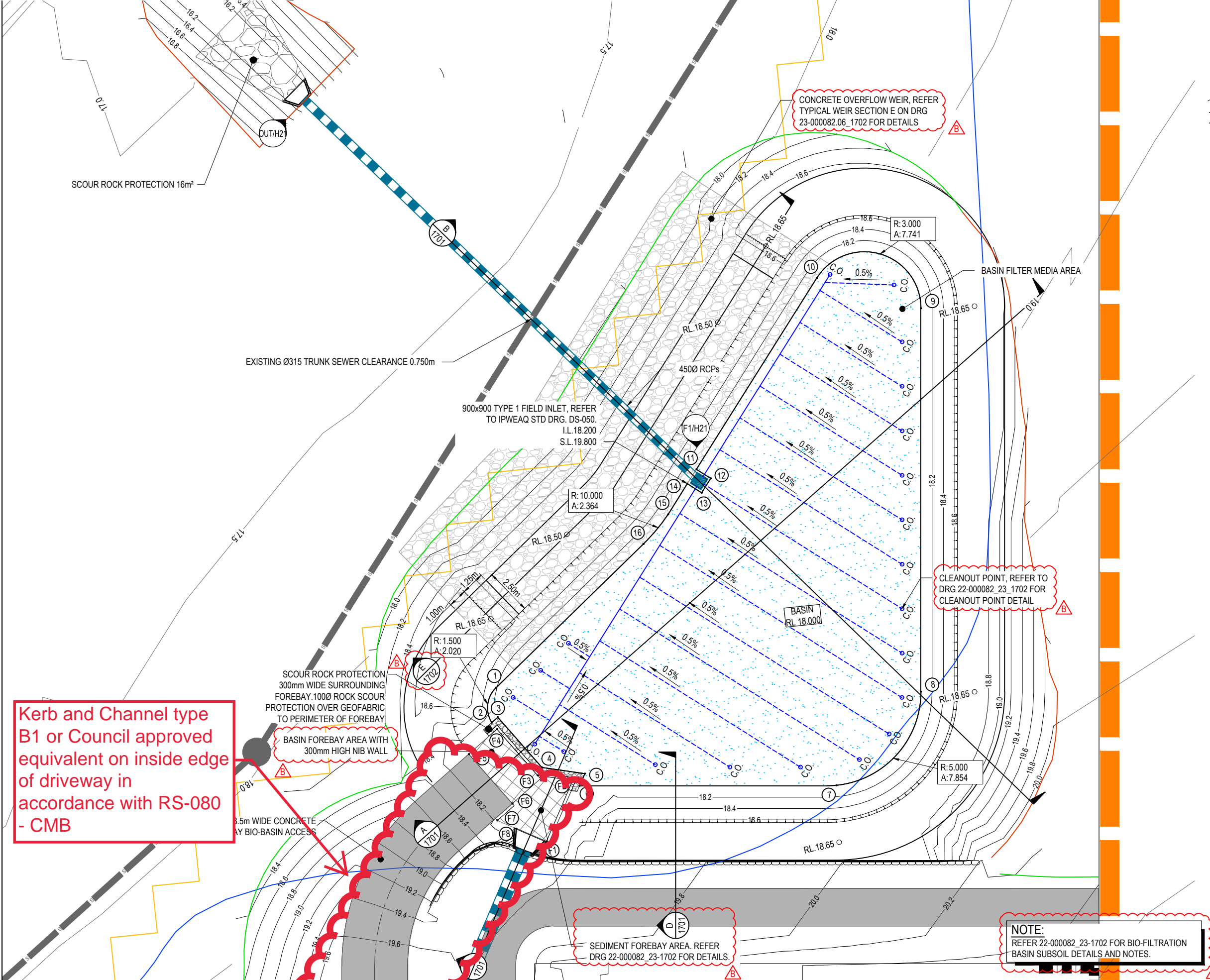
DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

| | | |
|---|----------------------------|----------------------|
| DRAWING TITLE | | |
| <p align="center">STORMWATER CALCULATION TABLES SHEET 1 OF 2</p> | | |
| PROJECT No. 22-000082_23 | DRAWING No. 1430 | REVISION B |

| | LOCATION | CATCHMENT PROPERTIES | | | FULL AREA RUNOFF | | | | | PART AREA RUNOFF | | | | | INLET DESIGN | | | | | | | | | | DRAIN DESIGN | | | | | | | | | | HEADLOSSES | | | | | | | | | | PART FULL | | DESIGN LEVELS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | fi | Ci | Cp | tc | I | A | CA | Q | tc | I | A | CA | Q | Qa | | | | | | | | Qg | Qb | | tc | I | CA | Qp | L | S | | Vf | S/Do | Qg/Qo | Du/Do | | Vf2/2g | Ku | hu | Kw | hw | Sf | hf | dn | Vn | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESIGN ARI | STRUCTURE No. | FRACTION IMPERVIOUS | COEFFICIENT OF RUNOFF IMPERVIOUS AREA | COEFFICIENT OF RUNOFF PERVIOUS AREA | TIME OF CONCENTRATION | RAINFALL INTENSITY | SUB-CATCHMENT AREA | EQUIVALENT IMPERVIOUS AREA | SUB-CATCHMENT DISCHARGE | TIME OF CONCENTRATION | RAINFALL INTENSITY | PARTIAL CATCHMENT AREA | EQUIVALENT IMPERVIOUS AREA | SUB-CATCHMENT DISCHARGE | FLOW IN K&C(INC. BYPASS) | FLOW WIDTH | FLOW DEPTH | FLOW Dx/ | ROAD GRADE AT INLET | ROAD XFALL AT INLET | INLET TYPE | FLOW INTO INLET | BYPASS FLOW | BYPASS STRUCTURE No. | CRITICAL TIME OF CONC. | RAINFALL INTENSITY | TOTAL (C x A) | PIPE FLOW | REACH LENGTH | PIPE GRADE | PIPE SIZE | FULL PIPE VELOCITY | SUBMERGENCE RATIO | GRATE FLOW RATIO | DIAMETER RATIO | CHART(S) USED | VELOCITY HEAD | US HEAD LOSS COEFFICIENT | US HEAD LOSS | W.S.E COEFFICIENT | CHANGE IN W.S.E | PIPE FRICTION SLOPE | PIPE FRICTION HEAD LOSS | NORMAL DEPTH | NORMAL DEPTH VEL. | PIPE US I.L | PIPE DS I.L | PIPE US H.G.L | PIPE DS H.G.L | W.S.E | GRATE LEVEL | FREEBOARD | STRUCTURE No. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Yrs | | | | | min | mm/h | ha | ha | L/s | min | mm/h | ha | ha | L/s | L/s | m | m | | % | % | | L/s | L/s | | min | mm/hr | ha | L/s | m | % | mm | m/s | | | | | | m | m | | m | % | m | m | m/s | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m | m |



| REVISION | | | DATE | ISSUE DETAILS | | | DRAWN | DESIGN | DRAWN CHECK | STATUS | | SCALE | | CLIENT | PROJECT | | DRAWING TITLE | |
|----------|--|----------|------|---------------------|--|--|-------|--------|--------------|--|--|--|--|--|--|---|-------------------------------|--|
| A | | 07.06.23 | | ISSUED FOR APPROVAL | | | IB | AA | aa | FOR APPROVAL | | <div>1:20 0.2 0 0.2 0.4 0.6 0.8 1m A1</div> <div>1:40 A3</div> | | <div>FOREVERLEN PTY LTD</div> <div>LENNIUM GROUP</div> | <div></div> <div>© 2023 Egis Consulting Pty Ltd</div> <div>www.egis-group.com</div> | <div></div> <div>STAGE 23</div> <div>DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.</div> | STORMWATER STRUCTURES DETAILS | |
| B | | 12.10.23 | | UPDATED TO EGIS | | | AA | AA | | | | | | | | | | |
| | | | | | | | | | DESIGN CHECK | APPROVED | | | | | | | | |
| | | | | | | | | | | RYAN ASHWORTH RPEQ 19674 | | | | | | | | |
| | | | | | | | | | | FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | | | | | |
| | | | | | | | | | | Ryan Ashworth | | | | | | | | |
| | | | | | | | | | | Moreton Bay | | | | | | | | |



LEGEND

- WORKS BOUNDARY
- STORMWATER DRAINAGE
- MAINTENANCE HOLE
- GULLY PIT
- OUTLET STRUCTURE
- FIELD INLET
- CONCRETE FOOTPATH
- PROPOSED KERB
- DESIGN SURFACE CONTOUR (0.50m INTERVALS)
- EXISTING STORMWATER DRAINAGE
- EXISTING STORMWATER STRUCTURE
- PROPOSED SLEEPER RETAINING WALL
- PROPOSED BOULDER RETAINING WALL
- CONCRETE DRIVEWAY
- BIO-BASIN FOREBAY AREA
- BIO-RETENTION BASIN FILTER MEDIA
- SCOUR PROTECTION
- 100Ø SLOTTED AGI DRAIN, 0.5% MIN GRADE TO OUTLET PIT AS SHOWN.
- 150Ø UN-SLOTTED AGI DRAIN, 0.5% MIN GRADE TO OUTLET PIT AS SHOWN.
- CLEANOUT POINT
- SETOUT POINT
- PROPOSED BATTERS
- PROPOSED WATER MAIN
- PROPOSED SEWERAGE RETICULATION
- EXISTING TRUNK SEWER

BIO-RETENTION BASIN G1 DETAILS

| PARAMETER | BASIN |
|---------------------------------------|-------|
| FILTER SURFACE AREA (m ²) | 393 |
| FILTER SURFACE LEVEL (m) | 18.00 |
| TEMPORARY PONDING DEPTH (mm) | 300 |
| STORAGE VOLUME (m ³) | 320 |
| TOP OF EMBANKMENT (m) | 18.65 |
| EMERGENCY WEIR LEVEL (m) | 18.50 |

BASIN G3 SETOUT

| POINT ID | EASTING | NORTHING | LEVEL |
|----------|-----------|------------|--------|
| 1 | 91149.247 | 502328.606 | 18.216 |
| 2 | 91148.825 | 502326.783 | 18.073 |
| 3 | 91149.173 | 502327.031 | 18.064 |
| 4 | 91151.235 | 502324.139 | 18.000 |
| 5 | 91153.472 | 502323.578 | 18.000 |
| 6 | 91153.125 | 502323.957 | 18.002 |
| 7 | 91166.710 | 502321.580 | 18.001 |
| 8 | 91171.683 | 502326.066 | 18.000 |
| 9 | 91173.778 | 502346.342 | 18.000 |
| 10 | 91168.431 | 502348.499 | 18.000 |
| 11 | 91161.033 | 502339.051 | 18.000 |
| 12 | 91161.741 | 502338.496 | 18.000 |
| 13 | 91161.186 | 502337.788 | 18.000 |
| 14 | 91160.478 | 502338.343 | 18.000 |
| 15 | 91159.285 | 502336.828 | 18.000 |
| 16 | 91157.817 | 502335.396 | 18.000 |

FOREBAY AREA SETOUT

| POINT ID | EASTING | NORTHING | LEVEL |
|----------|-----------|------------|--------|
| F1 | 91151.066 | 502220.192 | 18.100 |
| F2 | 91152.793 | 502223.284 | 18.000 |
| F3 | 91150.965 | 502223.743 | 18.038 |
| F4 | 91149.068 | 502226.404 | 18.077 |
| F5 | 91147.439 | 502225.242 | 18.100 |
| F6 | 91149.472 | 502222.393 | 18.100 |
| F7 | 91148.585 | 502221.577 | 18.100 |
| F8 | 91149.548 | 502221.039 | 18.100 |

| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | FOR APPROVAL | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|----------------------------|-------|--------|-------------|--------|--------------|-------|--------------------|----------|--------------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | | | | 1:100 | FOREVERLEN PTY LTD | egis | BIO-BASIN G3 LAYOUT PLAN |
| B | 12.10.23 | REVISED AS PER COUNCIL RFI | AA | AA | aa | | | 1:200 | LENNIUM GROUP | LANDINGS | |

APPROVED BY: RYAN ASHWORTH RPEQ 19674

FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD

SCALE: 1:100, 1:200

CLIENT: FOREVERLEN PTY LTD

PROJECT: LANDINGS

DRAWING TITLE: BIO-BASIN G3 LAYOUT PLAN

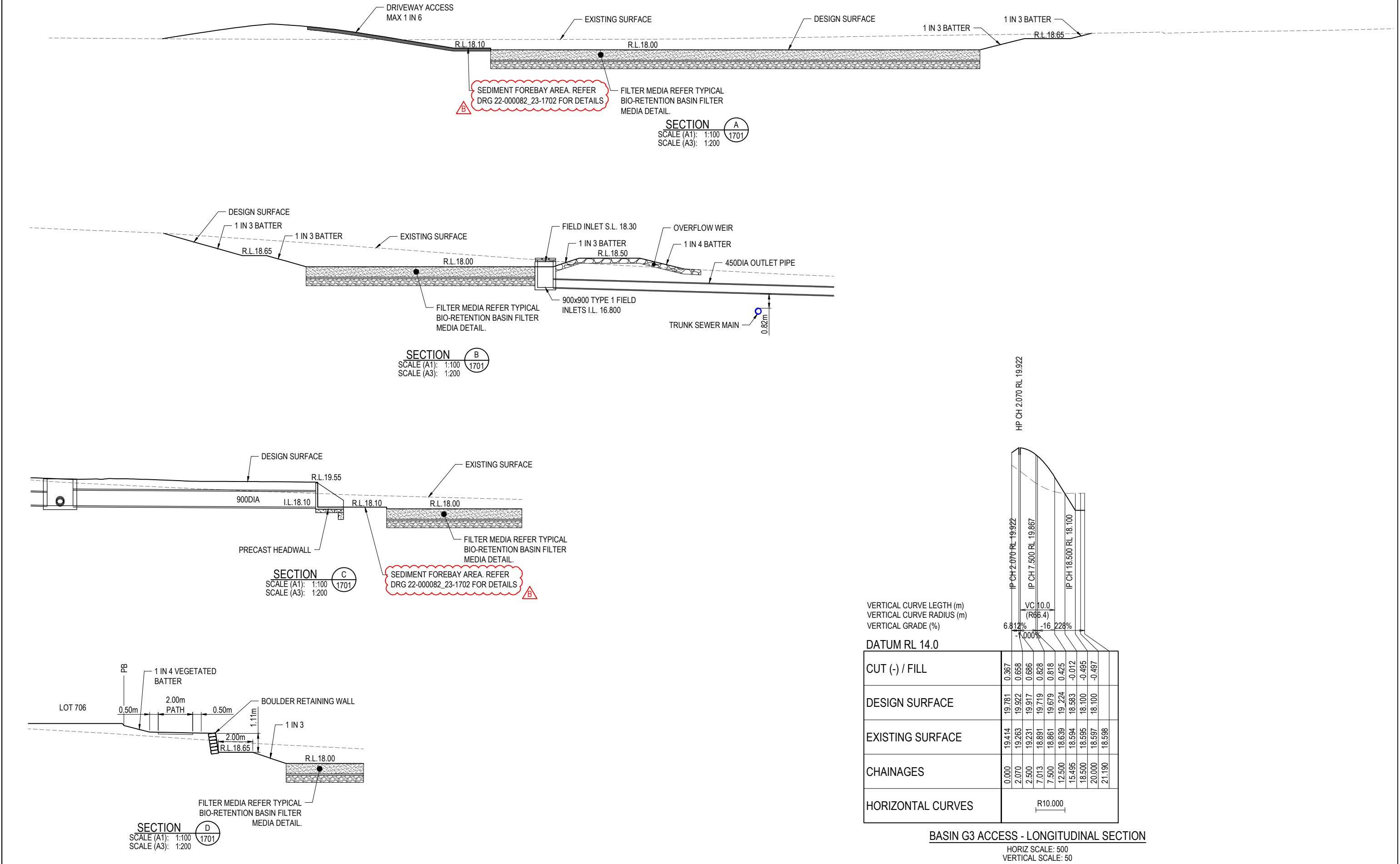
STAGE 23

DISCLAIMER: ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE.

PROJECT No: 22-000082_23

DRAWING No: 1700

REVISION: B



| REVISION | DATE | ISSUE DETAILS | DRAWN | DESIGN | DRAWN CHECK | STATUS | SCALE | CLIENT | PROJECT | DRAWING TITLE |
|----------|----------|---------------------|-------|--------|--------------|---|----------------|--------------------|--|---------------------------|
| A | 07.06.23 | ISSUED FOR APPROVAL | IB | AA | | FOR APPROVAL | 1:100 1:200 | FOREVERLEN PTY LTD | | BIO-BASIN G3 SECTION PLAN |
| B | 12.10.23 | UPDATED TO EGIS | AA | AA | aa | | | LENNIUM GROUP | | |
| | | | | | DESIGN CHECK | APPROVED RYAN ASHWORTH RPEQ 19674 Ryan Ashworth FOR & ON BEHALF OF CALIBRE PROFESSIONAL SERVICES PTY LTD | | | | |
| | | | | | | | | | egis | |
| | | | | | | | | | LANDINGS | |
| | | | | | | | | | STAGE 23 | |
| | | | | | | | | | DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. | |
| | | | | | | | | | PROJECT No. 22-000082_23 | |
| | | | | | | | | | DRAWING No. 1701 | |
| | | | | | | | | | REVISION B | |

ATTACHMENT 4

Appeal Rights

Chapter 6 Dispute resolution

Part 1 Appeal rights

229 Appeals to tribunal or P&E Court

- (1) Schedule 1 states—
 - (a) matters that may be appealed to—
 - (i) either a tribunal or the P&E Court; or
 - (ii) only a tribunal; or
 - (iii) only the P&E Court; and
 - (b) the person—
 - (i) who may appeal a matter (the *appellant*); and
 - (ii) who is a respondent in an appeal of the matter; and
 - (iii) who is a co-respondent in an appeal of the matter; and
 - (iv) who may elect to be a co-respondent in an appeal of the matter.
- (2) An appellant may start an appeal within the appeal period.
- (3) The *appeal period* is—
 - (a) for an appeal by a building advisory agency—10 business days after a decision notice for the decision is given to the agency; or
 - (b) for an appeal against a deemed refusal—at any time after the deemed refusal happens; or
 - (c) for an appeal against a decision of the Minister, under chapter 7, part 4, to register premises or to renew the registration of premises—20 business days after a notice is published under section 269(3)(a) or (4); or

- (d) for an appeal against an infrastructure charges notice—20 business days after the infrastructure charges notice is given to the person; or
- (e) for an appeal about a deemed approval of a development application for which a decision notice has not been given—30 business days after the applicant gives the deemed approval notice to the assessment manager; or
- (f) for an appeal relating to the *Plumbing and Drainage Act 2018*—
 - (i) for an appeal against an enforcement notice given because of a belief mentioned in the *Plumbing and Drainage Act 2018*, section 143(2)(a)(i), (b) or (c)—5 business days after the day the notice is given; or
 - (ii) for an appeal against a decision of a local government or an inspector to give an action notice under the *Plumbing and Drainage Act 2018*—5 business days after the notice is given; or
 - (iii) for an appeal against a failure to make a decision about an application or other matter under the *Plumbing and Drainage Act 2018*—at anytime after the period within which the application or matter was required to be decided ends; or
 - (iv) otherwise—20 business days after the day the notice is given; or
- (g) for any other appeal—20 business days after a notice of the decision for the matter, including an enforcement notice, is given to the person.

Note—

See the P&E Court Act for the court's power to extend the appeal period.

- (4) Each respondent and co-respondent for an appeal may be heard in the appeal.

- (5) If an appeal is only about a referral agency's response, the assessment manager may apply to the tribunal or P&E Court to withdraw from the appeal.
- (6) To remove any doubt, it is declared that an appeal against an infrastructure charges notice must not be about—
 - (a) the adopted charge itself; or
 - (b) for a decision about an offset or refund—
 - (i) the establishment cost of trunk infrastructure identified in a LGIP; or
 - (ii) the cost of infrastructure decided using the method included in the local government's charges resolution.

230 Notice of appeal

- (1) An appellant starts an appeal by lodging, with the registrar of the tribunal or P&E Court, a notice of appeal that—
 - (a) is in the approved form; and
 - (b) succinctly states the grounds of the appeal.
- (2) The notice of appeal must be accompanied by the required fee.
- (3) The appellant or, for an appeal to a tribunal, the registrar, must, within the service period, give a copy of the notice of appeal to—
 - (a) the respondent for the appeal; and
 - (b) each co-respondent for the appeal; and
 - (c) for an appeal about a development application under schedule 1, section 1, table 1, item 1—each principal submitter for the application whose submission has not been withdrawn; and
 - (d) for an appeal about a change application under schedule 1, section 1, table 1, item 2—each principal submitter for the application whose submission has not been withdrawn; and

- (e) each person who may elect to be a co-respondent for the appeal other than an eligible submitter for a development application or change application the subject of the appeal; and
 - (f) for an appeal to the P&E Court—the chief executive; and
 - (g) for an appeal to a tribunal under another Act—any other person who the registrar considers appropriate.
- (4) The *service period* is—
 - (a) if a submitter or advice agency started the appeal in the P&E Court—2 business days after the appeal is started; or
 - (b) otherwise—10 business days after the appeal is started.
- (5) A notice of appeal given to a person who may elect to be a co-respondent must state the effect of subsection (6).
- (6) A person elects to be a co-respondent to an appeal by filing a notice of election in the approved form—
 - (a) if a copy of the notice of appeal is given to the person—within 10 business days after the copy is given to the person; or
 - (b) otherwise—within 15 business days after the notice of appeal is lodged with the registrar of the tribunal or the P&E Court.
- (7) Despite any other Act or rules of court to the contrary, a copy of a notice of appeal may be given to the chief executive by emailing the copy to the chief executive at the email address stated on the department’s website for this purpose.

231 Non-appealable decisions and matters

- (1) Subject to this chapter, section 316(2), schedule 1 and the P&E Court Act, unless the Supreme Court decides a decision or other matter under this Act is affected by jurisdictional error, the decision or matter is non-appealable.

- (2) The *Judicial Review Act 1991*, part 5 applies to the decision or matter to the extent it is affected by jurisdictional error.
- (3) A person who, but for subsection (1) could have made an application under the *Judicial Review Act 1991* in relation to the decision or matter, may apply under part 4 of that Act for a statement of reasons in relation to the decision or matter.
- (4) In this section—
decision includes—
 - (a) conduct engaged in for the purpose of making a decision; and
 - (b) other conduct that relates to the making of a decision; and
 - (c) the making of a decision or the failure to make a decision; and
 - (d) a purported decision; and
 - (e) a deemed refusal.**non-appealable**, for a decision or matter, means the decision or matter—
 - (a) is final and conclusive; and
 - (b) may not be challenged, appealed against, reviewed, quashed, set aside or called into question in any other way under the *Judicial Review Act 1991* or otherwise, whether by the Supreme Court, another court, any tribunal or another entity; and
 - (c) is not subject to any declaratory, injunctive or other order of the Supreme Court, another court, any tribunal or another entity on any ground.

232 Rules of the P&E Court

- (1) A person who is appealing to the P&E Court must comply with the rules of the court that apply to the appeal.
- (2) However, the P&E Court may hear and decide an appeal even if the person has not complied with rules of the P&E Court.

ATTACHMENT 5

Infrastructure Charges Notice

In accordance with the Infrastructure Charges Resolution (No. 10) dated 5 October 2022 or as amended, there is no Infrastructure Charges applicable to the development.